ANNUAL REPORT

ON THE

HEALTH

OF THE

CITY OF SHEFFIELD

For the Year 1904.

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NOVEMBER, 1904.

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DEPARTMENT OF THE MEDICAL OFFICER OF HEALTH,
TOWN HALL,
SHEFFIELD.

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE.

GENTLEMEN,

I have to present to you, in compliance with the Order of the Local Government Board, the Annual Report on the Health of the City of Sheffield for the year 1904.

Before considering the 1904 statistics it may be well to consider briefly in what respects the Death-rate of Sheffield differs from that of the rest of the country. I find that during the decade 1894—1903, the Annual Death-rate in Sheffield was 19,589 per million; and, in England, 17,424. The Sheffield Death-rate was, therefore, 2,165 per million higher than the rest of the country.

The causes which help to make up the excess are as follows:—

DEATH-RATE PER MILLION.

Disease.	Sheffield.	England.	Excess.
Diphtheria	441	260	181
Scarlet Fever	188	139	49
Measles	557	383	174
Whooping Cough...	427	341	86
Enteric Fever	275	163	112
Diarrhœa	1,486	724	762
Diseases of Stomach and Enteritis	598	556	42
Tuberculosis of Lungs and Phthisis	1,352	1,309	43
Other Tuberculous Diseases	664	576	88
Bronchitis	1,775	1,522	253
Pneumonia	1,757	1,204	553
	Total ...	... ...	2,343

The causes which show a saving are as follows:—

Disease.	Sheffield.	England.	Saving.
Rheumatism, Gout, and Diseases of the Circulatory System...	2,344	2,501	157
Cancer	658	802	144
		Total ...	301

If from the total excess for the causes given the saving under the two last headings be deducted there remains an excess of 2,042. It will thus be seen that the excess of the Sheffield death-rate, viz., 2,165, over that of the rest of the country has been approximately analysed.

Let us consider briefly the causes which made up this excess in the Sheffield death-rate.

The high death-rate from Diphtheria during the decade is due to the fact that Diphtheria began to be extraordinarily prevalent in Sheffield in October, 1898, and that this epidemic prevalence lasted till 1902. Since then there has been a gradual abatement of the epidemic, which has continued to such an extent that in 1903 and 1904 the Diphtheria death-rate was lower in Sheffield than in the rest of the country. Diphtheria has behaved in a similar manner in other towns, and there is no evidence to connect these extraordinary outbursts with bad sanitary conditions.

As regards Scarlet Fever, it may be said that sanitary conditions do not have much effect on its prevalence. Unsanitary surroundings no doubt increase its fatality, but the type of the disease varies so much in different epidemics that it is impossible to draw sound deductions from the Scarlet Fever death-rate. I have had experience of one epidemic with a case fatality of 10 per cent., and of another with a case fatality of 2 per cent. The effect of unsanitary surroundings on the fatality of the disease is to a great extent removed by the fact that the worse the district the greater is the percentage of cases treated in Hospital. For this reason we find in Sheffield that the death-rate from Scarlet Fever in the various districts does not vary very much.

Measles and Whooping Cough have no special connection with bad sanitation, but the fatality of both these complaints is largely due to neglect or ignorance, and the excess death-rate from these causes in Sheffield may be taken to indicate that a large portion of the population are living under unfavourable home conditions. It will be noticed that in Sheffield during the last decade Measles was responsible for thrice and Whooping Cough for more than twice the number of deaths caused by Scarlet Fever.

The death-rates, which are the best guide to the sanitary condition of a district, are those from Enteric Fever, Diarrhœa, and Tuberculosis in its various forms.

The two former are essentially filth diseases, and are associated with dirty houses with dirty surroundings, badly paved yards and streets, defective drains, and objectionable systems for the removal of excreta and refuse.

It has been conclusively shown that the privy-midden towns grouped show a much higher death-rate from Diarrhœa and Typhoid Fever than the water-closet towns grouped.

It is encouraging to note that while the Sheffield Diarrhœa death-rate is about double the English rate, the Sheffield Enteric Fever death-rate has been so reduced that during the last three years it has only been slightly in excess of the English rate from this cause.

The next causes of death which give rise to an excessive mortality in Sheffield, when compared with the rest of the country, are Tuberculosis of the Lungs, commonly called Phthisis or consumption, and other forms of Tuberculosis.

The following table is from the Registrar General's report for 1903, to which I have added the figures for Sheffield :—

TABLE A.—*Phthisis—Mortality-rates per million persons living during the Quinquennium 1898-1902 and 1903, in England and the Urban and Rural Counties, and in Sheffield.*

Mortality from Phthisis at all Ages.		Crude Rates.	Corrected Rates.	
		Average, 1898—1902.	Average, 1898—1902.	Year, 1903.
Both Sexes ...	England and Wales	1,294	1,299	1,203
	Urban Counties	1,405	1,402	1,298
	Rural Counties	1,140	1,173	1,108
	Sheffield	1,323	1,426	1,447
Males	England and Wales	1,514	1,520	1,427
	Urban Counties	1,690	1,689	1,579
	Rural Counties	1,229	1,260	1,234
	Sheffield	1,821	*1,821	*2,026
Females	England and Wales	1,087	1,091	993
	Urban Counties	1,138	1,134	1,035
	Rural Counties	1,057	1,092	990
	Sheffield	829	*829	*780

* Uncorrected for age constitution of population.

The Urban Counties grouped by the Registrar General are Glamorgan, Lancaster, London, Middlesex, Monmouth, Northumberland, Nottingham, Stafford, Warwick, and the East and West Ridings of Yorkshire, which had a population in 1903 of 18,039,289 persons.

The Rural Counties are Buckingham, Cambridge, Cornwall, Hereford, Huntingdon, Lincoln, North Wales, Norfolk, Oxford, Rutland, Salop, Somerset, South Wales (less Glamorgan), Suffolk, Westmoreland, and Wilts, which had a population in 1903 of 4,314,254 persons.

The table shows, firstly, that Sheffield has a higher death-rate from Phthisis than any of the other three populations, and secondly, that the excess is entirely in the male population.

Thus the female population of Sheffield suffers from Phthisis less than the population of the rural counties, while the male population of Sheffield suffers considerably more than the population of the urban counties.

The table also brings out the fact that among males the Phthisis rate was much higher in the urban counties than in the rural, whilst among females the difference is slight; an effect which is evidently due to industrial conditions operating on the males.

The next table is also one of the Registrar General's, with Sheffield added, and still further analyses the Phthisis mortality.

TABLE B.—*Phthisis.—Mean Mortality-rates per million persons living at certain Age-groups of both Sexes, in England and the Urban and Rural Counties and in Sheffield, during the years 1898-1903.*

Age periods.		-5	5–15	15–25	25–35	35–45	45–55	55–65	65 +
Both Sexes	England and Wales	353	236	1,214	1,894	2,368	2,295	1,813	968
	Urban Counties	404	244	1,163	1,904	2,695	2,717	2,118	1,148
	Rural Counties	265	235	1,423	1,991	1,768	1,594	1,393	812
	Sheffield	341	202	794	1,467	2,788	3,290	3,101	1,556
Males ...	England and Wales	379	166	1,238	2,178	2,890	3,139	2,555	1,341
	Urban Counties	436	178	1,201	2,194	3,335	3,819	3,097	1,688
	Rural Counties	284	149	1,357	2,225	2,030	2,004	1,763	1,034
	Sheffield	384	196	853	1,886	4,009	4,992	5,016	2,333
Females ...	England and Wales	327	305	1,190	1,640	1,880	1,513	1,162	678
	Urban Counties	371	308	1,127	1,638	2,088	1,681	1,263	747
	Rural Counties	246	321	1,487	1,788	1,529	1,229	1,071	634
	Sheffield	297	208	738	1,044	1,531	1,516	1,289	925

From this table we learn that among males up to the age of 35 Phthisis is less fatal in Sheffield than in any of the other groups, but that after 35 it is very much more fatal than the worst of the other groups, namely, the urban counties.

From it we also learn that up to the age of 35 the mortality from Phthisis among females is remarkably low, and less than that in the best of the other groups. At the age-period 35-45 it becomes as high as that in the rural counties, and after 55 it is higher than that which obtains in the urban counties.

In England and Wales a man is half as likely again to die from Phthisis as a woman, but in Sheffield a man is more than twice as likely to die from Phthisis as a woman.

For every 15 men who die in England and Wales from Phthisis, 18 men die in Sheffield, but for every 10 women who die from Phthisis in England and Wales only 8 women die in Sheffield.

The low death-rate from Phthisis in Sheffield among men up to a certain age and among women at nearly all ages appears to indicate that Sheffield has natural advantages which work against the spread of this disease. No doubt the pure air from the moors enabled by the many hills on which the town is built to circulate more freely round the houses than is the case with a town built on the flat, and a tolerably porous subsoil are favourable factors. It must also be remembered that Sheffield more than is the case with other towns includes within its boundaries the healthy residential districts.

These considerations help to counterbalance the effect of bad housing conditions which exist in part of the City, but on the other hand they undoubtedly aggravate the gravity of the fact that the death-rate among men at the wage earning period of life is so high.

The low death-rate among women and youths shows that we must look to industrial conditions rather than to home conditions for the explanation.

We may form an estimate of the excessive number of male deaths from Consumption caused by industrial conditions in Sheffield every year in the following manner:—

In Sheffield the annual average number of deaths from Consumption among females over 25 years of age during the years 1898-1903 was 115, and among males over 25 years of age was 310.

In England the corresponding figures were 12,386 for females, and 18,450 for males.

If the proportion of female to male deaths had been the same in Sheffield as in England, there would have been only 192 male deaths to correspond to the 115 female deaths. The number recorded was, however, 310.

It is therefore fair to assume that the special industrial conditions of Sheffield are so unfavourable as to cause 118 male deaths from Consumption every year over and above the number of male deaths that would occur under the ordinary industrial conditions prevailing in England.

The next table deals with the occupations of the persons notified as suffering from Tuberculosis of the Lungs.

TABLE C.—*Occupations at the time when the illness began of Persons over 15 years of age notified during 1904, as suffering from Tuberculosis of the Lung.*

MALES.

Grinder (Iron and steel trades)	78
Cutler, etc.	34
Tool, Fork, and Scissors Forger	14
File Cutter	12
Do. Forger	3
Do. Hardener	—
Engineer, Turner, Fitter, Mechanic	19
Bricklayer, Mason, Builder	27
Butcher	3
Baker and Confectioner	1
Carter, Drayman, Cab, 'Bus, &c., Driver, Groom and Horsekeeper	12
Engine Tenter, Driver, Fireman	8
Blacksmith and Blacksmith's Striker	7
Furnaceman	3
Steel Melter, Moulder, Puddler	14
Hammerman	5
Roller	11
Farmer	—
Gardener	3
Hawker, Coster	11
Joiner	12
Labourer	86
Coal Miner	8

Hotel Keeper, Publican, &c.	9
Boot and Shoe Maker	6
Tailor	7
Painter, Plumber, &c.	6
Clerk	14
Merchant and Manufacturer	1
Silversmith, Chaser, Engraver, &c.	22
Horn Cutter	2
Bone Cutter	1
Horn Presser	1
Printer, Compositor	6
General Shopkeeper, Shopman	19
Cabinet Case Maker	2
Warehouseman	12
Traveller	5
Electrician	2
Other and not defined	36
TOTAL...	522

FEMALES.

Household...	138
Buffer	3
Charwoman	11
Domestic Servant	18
Silver, etc., Burnisher	5
Barmaid	1
School Teacher	3
Laundry Worker	2
Warehousewoman	9
Tailoress, Dressmaker, etc.	9
Shop Assistant	2
File Cutter	1
Other and not defined	37
TOTAL...	239

The table which follows shows the ages of the persons notified during 1904 as suffering from Tuberculosis of the lungs :—

TABLE D.

Ages (years)—	0–5	5–10	10–15	15–20	20–25	25–35	35–45	45–55	55–65	65 +	All Ages
Males ...	12	8	17	25	45	119	158	109	57	9	559
Females ...	7	15	18	22	29	82	47	36	19	4	279

Table E shows how greatly the proportion of deaths from Phthisis to those from Diseases of the Respiratory system has varied in Sheffield during the last 12 years, according to the occupation of the patient.

TABLE E.

Occupation.	Sheffield.		England.	
	Deaths 12 years 1893-1904 in Males over 15 years of age.		Comparative Mortality 1890-1891-1892 in Males from 25 to 65 years of age.	
	Phthisis.	Respiratory.	Phthisis.	Respiratory.
Grinder (Iron and steel trades)	571	353	336	421
Cutler	288	380		
Tool, Fork, and Scissors Forger	198	281		
File Cutter, Forger, and Hardener	171	189	402	423
Engineer, Turner, Fitter, Mechanic	88	140	195	270
Bricklayer, Mason, Builder	199	250	225	251
Butcher	23	59	195	209
Baker and Confectioner	12	16	185	207
Carter, Drayman, Cab, 'Bus, &c., Driver	92	157	212	318
Groom and Horsekeeper	17	25		
Engine Tenter, Driver, Fireman	28	65	...	...
Blacksmith and Blacksmith's Striker	83	115	159	233
Furnaceman	38	64	...	...
Steel Melter, Moulder, Puddler	75	148	...	...
Hammerman	49	38	...	...
Roller	44	56	...	...
Farmer	8	50	106	115
Gardener	8	31		
Hawker, Coster	65	66	443	403
Joiner	90	139	172	154
Labourer	603	860	253	337
Coal Miner	49	102	97	269
Hotel Keeper, Publican, &c.	59	92	311	298
Boot and Shoe Maker	44	57	256	181
Tailor	25	50	271	195
Painter, Plumber, &c.	52	69	217	224
Clerk	130	148	...	...
Merchant and Manufacturer	27	92	...	...
Silversmith, Chaser, Engraver, &c.	167	128	...	...
Horn and Bone Cutter, Grinder, &c....	38	38	...	...
Horn Presser	12	19	...	...
Printer, Compositor	22	18	326	214
General Shopkeeper	98	163	172	178
Comparative Mortality—Males 25 to 65 years of age—England	...	...	192	224

The ordinary proportion in England among males, at ages from 25 to 65, is 5 deaths from Consumption to 6 deaths from Diseases of the Respiratory System.

The Sheffield figures are actual deaths in twelve years, and show how greatly this proportion is upset by occupation. The alteration of the proportion might be due to one of the causes named having an exceptionally high death-rate, or to the other having an exceptionally low death-rate, and the comparative mortality figures for England, placed side by side with the Sheffield figures, give some idea which of these things has happened.

The comparative mortality is obtained in the following manner :—

The population of males of all occupations, aged 25 to 65, is estimated which will give 1,000 deaths in a year. Of these 1,000 deaths it is found that 192 are caused by Consumption, and 224 by Diseases of the Respiratory System.

By working out the death-rates for special occupations, it is found how many deaths from Phthisis and Diseases of the Respiratory System would occur among a population of similar size engaged entirely in the special occupation.

Thus 443 deaths from consumption would occur in the population of hawkers to 106 in the population of gardeners and farmers

That the increase of the Phthisis deaths as compared with "Respiratory" deaths among grinders in Sheffield is not due to the lowness of the "Respiratory" rate is shown by the fact that the comparative mortality among grinders, &c., is high both for Phthisis and Respiratory diseases, and it is probable that the Consumption death-rate in the case of occupations demanding considerable physical strength is understated, because the illness may last for several years and the patient take to a lighter occupation, and be returned at his death under the heading of a lighter occupation, such as that of a hawker.

Unfortunately the census returns do not give a separate enumeration of grinders, pearl, bone and horn cutters, and workmen engaged in individual "dusty" Sheffield trades.

I reproduce here a table given in the supplement to the 55th Report of the Registrar-General, and referring to the dust-producing occupations in the years 1890-1892.

TABLE F.

Occupation.	Phthisis and Diseases of the Respiratory System.		Phthisis.	Diseases of Respiratory System.	Diseases of Circulatory System.
	Mortality Figure.	Ratio.	Mortality Figure.		
Agriculturist	221	100	106	115	83
Ironstone Miner	294	133	90	204	84
Carpenter	326	148	172	154	106
Coal Miner	366	166	97	269	120
Corn Miller	366	166	143	223	112
Baker, Confectioner	392	177	185	207	130
Blacksmith	392	177	159	233	136
Locksmith	428	194	223	205	104
Wool Manufacture	447	202	191	256	131
Tin Worker	451	204	217	234	124
Carpet, Rug Manufacture	471	213	226	245	87
Bricklayer, Mason, Builder	476	215	225	251	130
Rope Maker	486	220	219	267	118
Cooper, Wood Turner	526	238	250	276	137
Cotton Manufacture	540	244	202	338	152
Lead Worker	545	247	148	397	272
Chimney Sweep	551	249	260	291	142
Brass Worker	552	250	279	273	126
Stone Quarrier	576	261	269	307	137
Zinc Worker	587	266	240	347	126
Iron and Steel Manufacture	645	292	195	450	162
Gunsmith	649	294	324	325	153
Copper Miner	678	307	331	347	121
Copper Worker	700	317	294	406	186
Lead Miner	705	319	380	325	142
Glass Manufacture	740	335	295	445	157
File Maker	825	373	402	423	204
Tin Miner	885	400	508	377	95
Cutler, Scissors Maker	900	407	382	518	167
Potter, Earthenware Manufacture ...	1,001	453	333	668	227

It will be noticed that of the four occupations which are worst for pulmonary diseases, two are Sheffield occupations.

It will also be noticed that 407 cutlers and 373 file makers die from Pulmonary diseases to 100 Agriculturists.

In the same report it is mentioned that while in the case of most of the "dusty" occupations the mortality from Phthisis has declined since the previous record in 1880-82, in the case of two the mortality has increased. The two occupations referred to are file-makers, with an increased mortality of 2 per cent., and cutlers with an increased mortality of 9 per cent.

If we refer again to tables C and E, it will be obvious that if Grinders were taken separately they would in all probability easily head the list in Table F as the most Phthisis-producing occupation.

The next excessive Sheffield death-rates to which I wish to refer are those from Bronchitis and Pneumonia.

The following table gives a comparison of the death-rate from Bronchitis at various ages among males and females in Sheffield and in England :—

TABLE G.—*Bronchitis.—Mean Mortality-rates per million persons living, at certain age-groups of both sexes, in Sheffield and in England during the Quinquennium, 1899–1903.*

		All Ages.	0–5	5–15	15–25	25–35	35–45	45–55	55–65	65+
SHEFFIELD ...	MALES	1,720	5,881	95	25	64	483	1,903	5,917	15,467
	FEMALES	1,508	5,267	78	34	96	403	1,143	3,813	13,397
ENGLAND ...	MALES	1,442	5,109	45	27	74	257	988	3,323	11,942
	FEMALES	1,401	4,248	49	26	67	267	868	2,921	12,027

In the case of both England and Sheffield the death-rate from Bronchitis is insignificant at ages 5 to 35 for both males and females.

The death-rate under 5 is higher for male children than female children, both in England and in Sheffield. More children die in Sheffield from Bronchitis than in England, and the increased mortality falls on both sexes to a somewhat similar extent.

At ages over 35 there is an increase in the Bronchitis mortality in both populations, but in Sheffield the increase is much more marked than in England. In England this increase affects both sexes equally, while in Sheffield it falls much more heavily on the males.

Thus, during the age period 45 to 65, about 30 per cent more females die in Sheffield than in England, but nearly 100 per cent. more males.

From these facts we may draw the conclusion that while part of the excess rate from Bronchitis is due to bad home conditions operating chiefly on the children, the greater portion is due to industrial conditions operating chiefly, as in the case of Phthisis, on males after the age of 35.

The next table deals with Pneumonia in a similar manner to the Bronchitis Table.

TABLE H.—*Pneumonia.—Mean Mortality-rates per million persons living at certain age-groups of both sexes, in Sheffield and in England during the Quinquennium, 1899 - 1903.*

		All Ages.	0–5	5–15	15–25	25–35	35–45	45–55	55–65	65+
SHEFFIELD ...	MALES	1,880	7,947	339	341	596	1,228	2,326	3,147	5,027
	FEMALES	1,402	7,328	243	214	256	609	804	1,873	3,360
ENGLAND ...	MALES	1,530	5,956	238	327	596	1,147	1,786	2,627	4,070
	FEMALES	1,052	4,903	209	181	305	536	801	1,410	3,060

Pneumonia is more fatal to males than to females at all ages, both in Sheffield and in England, but this effect is much more marked at ages over 25.

The disproportion at all ages between the male and female mortality in Sheffield is less marked than in England on account of the greatly increased mortality in Sheffield of children under 5, which falls on both sexes alike.

From childhood up to 35 years of age Pneumonia affects the Sheffield and English populations in a similar manner.

After 35 Sheffield males are noticeably more affected than English males, but not nearly to the same extent as in the case of Bronchitis.

As regards adult females, there is hardly any difference at any age period between the Sheffield and the English mortality.

The figures which have been given show that the excess of Pneumonia mortality in Sheffield is principally due to the high death-rate from this cause among children under 5 years of age, and to a slight extent to an increased death-rate among males over the age of 35, the latter being, no doubt, due to adverse industrial conditions.

In the case of the children, the bad home conditions, neglect, and ignorance which swell the death-rate from Measles and Whooping Cough have a similar effect in causing a high mortality from Pneumonia.

TABLE J.—*The order of the Registration Sub-Districts as regards Mortality-rates from some of the principal Causes of Death during the Decade 1894—1903, beginning with the best, is shown in the following tables:—*

MEASLES.		SCARLET FEVER.		DIPHTHERIA.		WHOOPING COUGH.	
Registration Sub-District.	Rate per million persons living.	Registration Sub-District.	Rate per million persons living.	Registration Sub-District.	Rate per million persons living.	Registration Sub-District.	Rate per million persons living.
Upper Hallam	258	Ecclesall	139	Upper Hallam	112	Upper Hallam	157
Ecclesall	369	Brightside	171	Attercliffe	338	Ecclesall	285
Nether Hallam	504	Park	199	Brightside	403	South	425
South	532	Nether Hallam	204	Ecclesall	442	Attercliffe	448
Brightside	568	South	213	South	455	Nether Hallam	458
Attercliffe	701	Upper Hallam	216	Park	496	Brightside	461
North	797	North	220	Nether Hallam	527	Park	585
Park	901	Attercliffe	252	North	614	North	623

ENTERIC FEVER.		DIARRHŒA.		PHTHISIS.		TUBERCULOUS DISEASES, OTHER THAN PHTHISIS.	
Registration Sub-District.	Rate per million persons living.	Registration Sub-District.	Rate per million persons living.	Registration Sub-District.	Rate per million persons living.	Registration Sub-District.	Rate per million persons living.
Upper Hallam	140	Upper Hallam	365	Upper Hallam	881	Upper Hallam	309
Ecclesall	189	Ecclesall	930	Attercliffe	1065	Nether Hallam	467
Nether Hallam	210	Nether Hallam	1367	Brightside	1155	Ecclesall	590
Brightside	306	Brightside	1498	Ecclesall	1196	Attercliffe	595
Attercliffe	309	South	1779	Nether Hallam	1266	Brightside	670
Park	361	Attercliffe	1824	Park	1547	South	784
South	375	Park	1861	South	1909	Park	950
North	424	North	2580	North	2356	North	1110

I now turn from the figures for past years to those for the year 1904. The death-rate from all causes during 1904 was 16,825 per million, which is slightly lower than the previous best on record, viz., 16,829 for 1902, and 2,764 per million better than the average for the previous decade.

As regards the special diseases which usually cause an excessive mortality in Sheffield, the returns for 1904 are mostly favourable.

Measles caused a mortality of 76 per million, as compared with 557 for the previous decade.

Scarlet Fever caused a death-rate of 203, as compared with 188 for 1894-1903. This disease was very prevalent during the last quarter of the year, the sickness rate being as high as 12 per 1,000 for the month of October. The disease was, however, of a mild type. The cases of sickness numbered 2,906, as against a decennial average of 1,568.

The mortality from *Diphtheria* was 115, or slightly more than one-fourth of the average for 1894-1903, viz,, 441.

Whooping Cough showed a reduction from an average of 427 per million for 1894-1903 to a rate of 349 for 1904.

Enteric Fever, no doubt influenced by a hotter summer, shows a slight increase when compared with 1902 and 1903, with their wet, cold summers. The mortality of 125 per million for 1904 compares very favourably, however, with the figure of 275 for the period 1894-1903,

Climatic reasons, also, no doubt caused the increase in the rate from *Diarrhœa*, as compared with the two previous years. The 1904 rate is, however, slightly below that for the previous decade, viz., 1,451, as campared with 1,486.

Tuberculous Diseases were less fatal in 1904 than in the previous decade. Thus the 1904 rate of 1,238 for Tuberculosis of the Lungs has to be compared with the decennial average of 1,352, and the 1904 rate of 603 for other Tuberculous Diseases with 664.

The last two causes of death which are usually excessive in Sheffield, viz., *Bronchitis* and *Pneumonia*, both show a reduction in 1904. Thus the rates for Bronchitis and Pneumonia in 1904 are 1,471 and 1,360, and for the period 1894-1903 are 1,775 and 1,757 respectively.

During 1904 Small-Pox infection has been introduced into the City on about fifteen different occasions. The method of dealing with the outbreaks by hospital isolation of the patients, thorough disinfection of the affected premises, and supervision of the "contacts," proved successful, and there were only 44 known cases of the disease in the City during the year.

There is no great amount of feeling against vaccination in Sheffield, but there is a considerable amount of inefficient "one mark" vaccination performed. The same standard of vaccination ought to be insisted upon for both private and public vaccinators. Of course, if, as in Germany, efficient vaccination and re-vaccination were made the rule, we in this country would no longer have Small-pox epidemics, and would no longer require Small-pox hospitals.

Sheffield's position among the twenty great towns as regards the corrected death-rate for all causes was 14th from the best for 1894-1903 and 8th from the best for 1904.

Sheffield's position among the same towns as regards death-rate from Diarrhœa was 17th from the best for 1894-1903 and 13th from the best for 1904; as regards Enteric Fever was 15th from the best for 1894-1903 and 10th from the best for 1904; and as regards Infantile Mortality was 18th from the best for 1894-1903 and 8th from the best for 1904.

It must be remembered that Sheffield ought to compare favourably with the other towns as regards its mortality statistics, because in the case of Sheffield most of the residential suburban districts which have a low death-rate are included in the City, while in the case of many towns the healthy residential districts are very largely situated outside the municipal boundaries. The hilly contour of the ground is also a favourable factor, allowing of a good gradient for sewers and drains, helping the rainfall to cleanse the streets and flush the sewers and drains, and enabling the air to circulate round the houses.

It will be well now to consider the measures likely to have an influence in bringing about a reduction in the disease death-rates which have been excessive in Sheffield.

As regards Scarlet Fever and Diphtheria I have nothing special to add to what has been said in previous reports. The great discrepancy between the mortality of the hospital-treated and home-treated cases of Diphtheria, shown in Table XXXII., is probably largely due to the more general use of anti-toxin for the former.

Measles and Whooping Cough are diseases which carry off very young children. Table XXIII. shows that during the last 17 years there has been an average of 205 deaths annually from Measles. Of these 205 deaths 48 occur in the first year of life, 84 in the second, 34 in the third, 17 in the fourth, 11 in the fifth, and about 10 in later years.

Table XLI. shows a similar state of things for Whooping Cough. Thus, during the years 1897-1904 Whooping Cough has caused on an average 154 deaths, 70 in the first year of life, 46 in the second, 18 in the third, 11 in the fourth, 5 in the fifth, and 4 at all ages over the fifth.

The work of the women inspectors is largely in connection with the care of infants and young children. The visiting of houses where Whooping Cough cases occur has been handed over to them, and I am of opinion that a similar procedure might with advantage be adopted for Measles. An increase in the staff of women inspectors in order to meet this and the requirements of the Midwives Act will be necessary. The work of the male inspectors is constantly on the increase, and is apt to be disorganised when Measles is epidemic. There can be no doubt that the influence and advice of the women inspectors will be very valuable in dealing with the ignorance and carelessness which are the cause of many of the deaths from Measles and Whooping Cough.

For the reduction of the mortality from Diarrhœa (which is one of the chief causes of the infantile mortality) and Enteric Fever we must look to measures which will bring about greater cleanliness in and around the houses. In particular we must push on with—

(1) The abolition of the privy-middens and the provision of water closets and frequently emptied dust bins.

(2) The reconstruction of defective drains and sewers.

(3) The better paving of streets and yards. Under this heading I wish to point out the need for dealing with the sink wastes in the case of back-to-back houses, the contents of which are discharged on the footpaths, and frequently have to run a long distance down the street gutter before they reach a street gulley. The common and not unnatural practice of the residents in such cases of throwing their slops out on to the street surface gives rise to an abominable smell which is, of course, worse in hot weather.

As regards a better standard of cleanliness in the management of the houses we must trust to the efforts of the women inspectors, and especially to the instruction of the rising generation when at school in the principles of domestic economy and hygiene.

Dirty milk is undoubtedly an important factor in the causation of Diarrhœa. The dirt may get in at the farm, at the milk shop, or at the home. The farms and milkshops are at the time of writing undergoing a special inspection. Many of the farms certainly leave much to be desired in the matter of cleanliness and the observance of the regulations made under the Dairies, Cowsheds, and Milkshops Order. It is a pity that the average customer does not take more interest in the condition of the farm from which his milk comes. As regards the milkshops the custom of selling small quantities of milk from shops which sell a large variety of other things is a most undesirable one, and militates greatly against the proper protection of the milk from contamination. How far we can go in the direction of stopping this custom is doubtful. The regulations state :—

> " A purveyor of Milk, or person selling Milk by retail, shall not, either in the manner
> " of storage or of distribution, do any act or thing likely to expose any milk to infection or
> " contamination, or omit to do any act or thing necessary for the due protection of any milk
> " from such infection or contamination."

It is the work of the women inspectors to endeavour to prevent the misuse of the milk after it reaches the home.

Sheffield is in a peculiar position as regards the Tuberculous Diseases, in that it is the only town with powers for the compulsory notification of Tuberculosis of the Lungs. The Act came into force in November, 1903, and during 1904, 838 new cases were notified. Two inspectors are engaged in this work. They visit the homes of the patients and leave copies of printed instructions designed for promoting the chances of cure and diminishing the risk of infection. They advise as to the necessity for plenty of fresh air, distribute pocket spittoons to those too poor to buy them, and disinfect the patient's room by spraying with formalin at each visit during the later stages of the illness. It is not to be expected that the full benefit of the new provisions will be obtained until something is done in the way of providing hospital accommodation for the badly-housed advanced cases and sanatorium treatment for the early and curable cases.

I am glad to say that the Sheffield Guardians have provided, and the Ecclesall Guardians are about to provide, "open-air" treatment for a certain number of cases. I think that some wards of the City Fever Hospitals might be used for this purpose. In the City Hospitals accommodation has to be provided for epidemics, and during non-epidemic times there is necessarily capital lying idle in the shape of spare accommodation. The Infectious Hospitals at Brighton and other places are used in this manner; and I cannot do better than give, in Dr. Newsholme's own words, the advantage likely to be derived from such a scheme.

"In July, 1902, the Town Council authorised the appropriation of four, and in the following "December of ten beds in a detached pavilion of the Borough Sanatorium, for the treatment of "consumptive patients. Since that time, up to December 31st, 1904, 259 consumptive patients "have been admitted. Most of these patients, when admitted, were in the middle or advanced "stages of the disease. Nevertheless, the results obtained have been extremely good. Over 40 per "cent of those treated for only one month during the two years up to the end of 1903, are fourteen "months later (February, 1905) able to follow their occupation. Many others have had their "working life extended; and even in the case of the patients who have not recovered, the danger to "others after they leave the Sanatorium has been greatly reduced, if not entirely obviated.

"The good achieved may be summarised as follows:—

"(1) The working life of the patient has been prolonged.

"(2) The period at which the patient or his relatives may become dependent on "charitable or parochial relief has been postponed.

"(3) Some cases have been cured.

"(4) Every patient has been trained, so that when he leaves the Sanatorium, he is "much less likely to act in a manner which will make him dangerous to his family or to his "fellow-workmen.

"(5) During his stay in the Sanatorium his home has been cleansed and disinfected. "Hence on his return he "starts fair" with a diminished prospect of re-infection by external dust.

"(6) The same applies to his relatives and fellow-workmen; who have had, furthermore, "an interval of freedom from exposure to infection. This is a matter of great import, for it "is chiefly protracted and continuous infection which is dangerous.

"Thus even if the patient is not cured, great good is achieved for the patient, and still greater "good for the town.

"Patients have as a rule, been treated for only four weeks, the idea of training the patients "and preventing risk to others having, in view of the primary functions of a Sanitary Authority, "been kept in the foreground. If more patients could be treated, and for longer periods, much "greater good could be done." (Extract from Special Health Report of the Medical Officer of Health for Brighton, dated March 15th, 1905).

If wards of the City Hospitals were used in the manner suggested, arrangements might be made subsequently for subsidising beds in existing Consumption sanatoria for the use of patients in the case of whom a few weeks' observation has shown prospects of recovery, or for the establishment of a small Consumption sanatorium for Sheffield. If the cases are carefully selected, an expensive nursing staff is not required for a sanatorium, and it ought to be possible to purchase a house in a good situation in Derbyshire and adapt it for use as a sanatorium at a cost not exceeding 30/- per week per bed including capital expenses. In saying this I speak from my experience of the Durham County Sanatorium which gets good results and costs less than 27/- per bed including capital expenses.

It has been already pointed out that the men in Sheffield are the chief sufferers from consumption, and that the explanation lies in the industrial conditions. There can be no doubt that the sanitary condition of many of the factories and workshops admits of great improvement.

The best means for the removal of dust should be adopted. Whitewashing should be done regularly. Adequate means of lighting and ventilation should be maintained.

One of the defects in present legislation appears to be that though a minimum cubic space is prescribed, nothing is said about floor space, and consequently a high building may become so overcrowded with machinery that cleanliness, proper lighting, and ventilation are impossible.

Another defect appears to be the exemption of the workshops where men only are employed from most of the sanitary provisions of the Factory and Workshop Act, 1901, in accordance with Section 157 of that Act.

When it is considered that of the 500 deaths from Phthisis which occur annually in Sheffield, more than 100 are those of adult males caused by the special industrial conditions which prevail, it is obvious that the Home Office and the trades of the City have a serious problem to face.

With respect to the excess mortality from Bronchitis and Pneumonia, that portion of it which is due to industrial conditions will, of course, be lessened by improvements in the factories and workshops as regards cleanliness, ventilation, and freedom from dust; and that portion which is due to bad home conditions will, it is to be hoped, gradually be decreased by the work of the women inspectors, and the education of children in hygiene, domestic economy, and temperance.

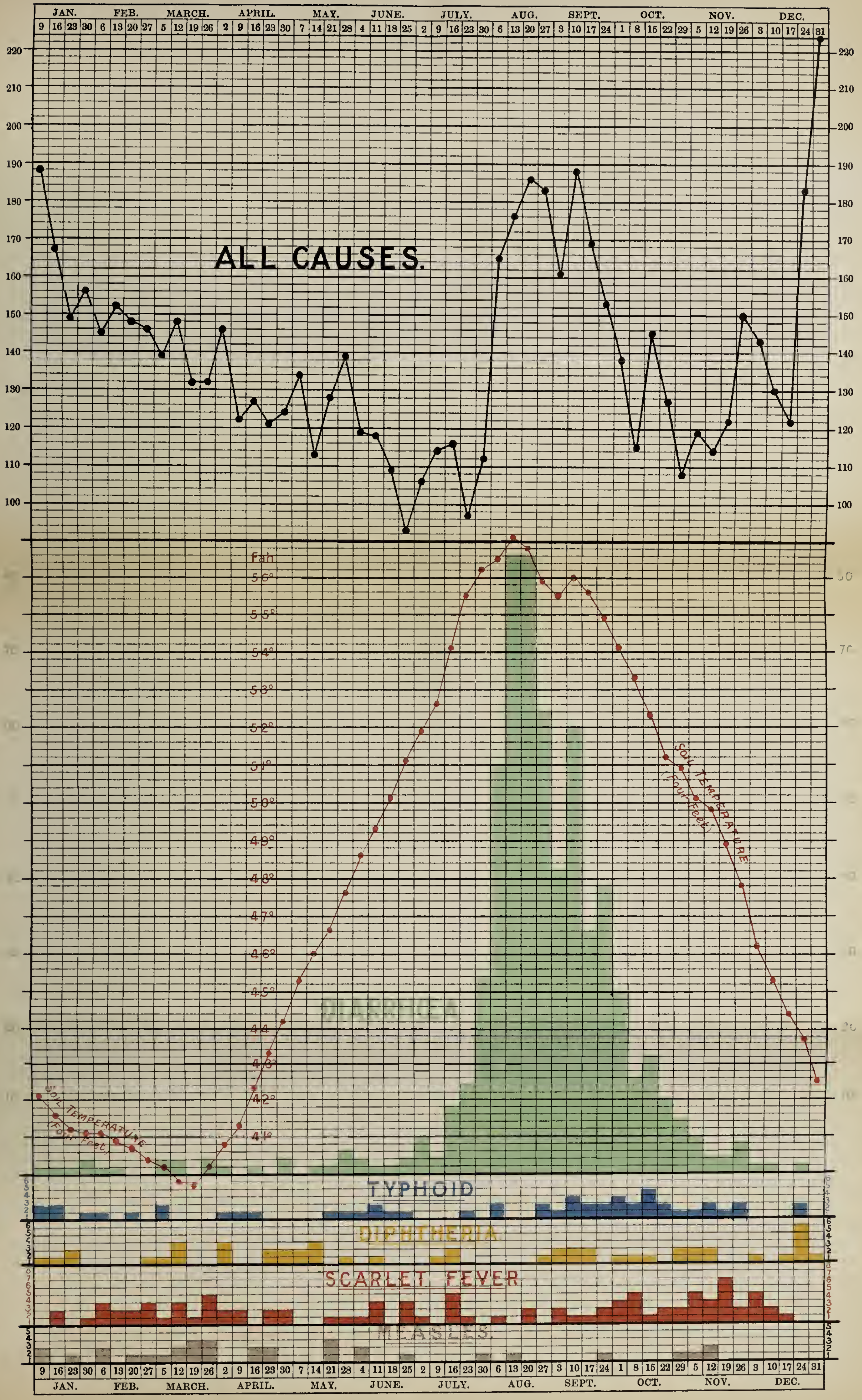
I am, Gentlemen,
Your obedient Servant,
HAROLD SCURFIELD,
Medical Officer of Health.

July 17th, 1905.

SUMMARY OF VITAL AND MORTAL STATISTICS, ETC., FOR 1904.

AREA OF CITY	23,662 Acres, divided into TEN Registration Sub-Districts.
POPULATION	432,940.
DENSITY	18·3 Persons per Acre.
INHABITED HOUSES	Census of 1901, 85,507 with 4,456 uninhabited, and 1,217 building.
HOUSES CERTIFIED AS FIT FOR HUMAN HABITATION, APRIL, 1901, TO JUNE 30th, 1904	6,572.
NUMBER OF NEW DWELLING-HOUSES CERTIFIED AS FIT FOR OCCUPATION DURING THE YEAR	1,963.
MARRIAGES	3,507.
BIRTHS	13,850; Birth-rate, 32·0.
DEATHS	7,284; Death-rate, 16·8.
INFANTILE MORTALITY	2,189 under 1 year, or 158 per 1,000 Births.
ZYMOTIC DEATH-RATE (7 PRINCIPAL ZYMOTICS)	2·32.
ESTIMATED INCREASE OF POPULATION	7,412, but the natural increase, *i.e.*, excess of Births over Deaths, was 6,526.

DEATHS CHART.—1904.



VITAL AND MORTAL STATISTICS.

POPULATION.

The estimated population of the City, on June 30th, 1904, as estimated by the Registrar General, was 432,940 persons, 215,731 of these being males and 217,209 females.

In forming this estimate it is assumed that the population is increasing at the same rate and that the ratio of the Sexes is the same as held good for the inter-censal period 1891-1901, certain corrections have to be made, however, for the overflow of the population into other districts outside the City.

TABLE I.—*Population, Estimated Increase and Natural Increase, 10 years.*

YEAR.	Population.	Estimated Increase.	Excess of births over deaths.
1895	347,141	5,529	5,004
1896	352,760	5,619	5,121
1897	358,470	5,710	4,668
1898	364,272	5,802	4,853
1899	370,168	5,896	4,484
1900	376,160	5,992	4,280
*1901	410,991	34,831	4,875
1902	418,177	7,186	6,874
1903	425,528	7,351	6,160
1904	432,940	7,412	6,526

* City extended October 31st.

N.B.—The population figures since the year 1901 are as estimated by the Registrar General.

Tables II., III., and IV. deal with the increase of population and density of population in the Registration Sub-Districts of the City.

TABLE II.—*Population of Registration Sub-Districts at the Censuses of 1881, 1891, and 1901; and estimated Population, 1904.*

DISTRICT.	Population, 1881.	Population, 1891.	Population, 1901.*	Population, Middle of 1904, in Revised Areas.	
Sheffield West ...	14,957	14,105	12,187	......	......
Do. North ...	38,982	37,499	38,784	39,084	Sheffield North
Do. South ...	17,919	18,411	17,099	25,938	Do. South (*a*)
Do. Park ...	19,948	21,401	22,328	26,423	Do. Park (*b*)
Brightside	56,719	67,083	77,992	81,532	Brightside
Attercliffe	26,965	35,883	52,589	57,020	Attercliffe (*c*)
Nether Hallam ...	38,967	46,328	64,599	69,185	Nether Hallam
Upper Hallam ...	2,513	2,709	3,657	4,286	Upper Hallam
Ecclesall	67,538	80,824	97,244	103,361	Ecclesall
Norton	......	......	10,828	12,747	Norton
Hillsborough... ...	......	......	11,763	13,364	Hillsborough
Totals	284,508	324,243	409,070	432,940	Totals

* The figures given in these columns are for the City as extended October 31st, 1901.

(*a*) South District now embraces the old districts of West and South, with the exception of a small portion of about 50 acres, which is included in Park District.

(*b*) Park District has been extended to include two small portions, 50 acres (roughly) which formerly belonged to South, and 72 acres (roughly) which formerly belonged to Attercliffe, making the district of Park co-extensive with the Municipal Ward.

(*c*) Attercliffe District has been reduced about 72 acres by the extension of the Park boundary.

TABLE III.—*Acreage and Persons per Acre in Registration Sub-Districts.*

DISTRICT.	Area in Acres.	Population, 1904.	Persons per Acre.
Sheffield North	282	39,084	138·6
Do. South	345	25,938	75·2
Do. Park	2,475	26,423	10·7
Brightside...	3,685	81,532	22·1
Attercliffe	1,493	57,020	38·2
Nether Hallam	1,533	69,185	45·1
Upper Hallam	6,322	4,286	0·7
Ecclesall	4,640	103,361	22·3
Norton	1,902	12,747	6·7
Hillsborough...	985	13,364	13·6
City	23,662	432,940	18·3

TABLE IV.—*New Houses Certified by the City Surveyor as Fit for Human Habitation, from the Census of 1891 to the Middle of 1904, in the several Registration Sub-Districts.*

Year.	North.	South.	Park.	Bright-side.	Atter-cliffe.	Nether Hallam.	Upper Hallam.	Ecclesall	Norton.	Hillsbro'	TOTALS.
1891 (part of) ...	17	14	29	126	116	55	4	175	...	...	536
1892	22	11	32	121	155	170	7	268	...	...	786
1893	11	15	42	165	186	198	17	194	...	...	828
1894	3	5	36	120	123	153	16	175	...	...	631
1895	...	13	20	85	106	141	4	155	...	...	524
1896	18	16	68	135	288	221	7	307	...	...	1,060
1897, to June 30	4	5	16	107	186	239	4	159	...	...	720
July, 1897, to June, 1898 ...	7	17	26	179	467	522	13	451	...	...	1,682
July, 1898, to June, 1899 ...	15	18	55	161	746	784	15	686	...	...	2,480
July, 1899, to June, 1900 ...	27	15	57	214	647	914	77	771	...	...	2,722
July, 1900, to June, 1901 ...	12	31	59	213	729	931	102	635	...	...	2,712
July, 1901, to June, 1902 ...	5	23	70	330	419	398	77	457	79	108	1,966
July, 1902, to June, 1903 ...	3	19	95	295	360	292	33	487	202	107	1,893
July, 1903, to June, 1904 ...	7	70	73	308	383	325	23	492	238	198	2,117
TOTALS	151	272	678	2,559	4,911	5,343	379	5,412	519	413	20,657

MARRIAGES.

The number of Marriages registered during 1904 was 3,507, which represents a decrease of ·2 per thousand of the population living at all ages.

TABLE V.—*Marriages and Marriage Rates in Sheffield and in England and Wales since 1888.*

Year.	Total Number of Marriages in Sheffield.	Persons Married per 1,000 in Sheffield.	Persons Married per 1,000 in England and Wales.
1888	... 2,885 ...	... 17·9	... 14·4
1889	... 3,073 ...	... 18·7	... 15·0
1890	No Record ...	... No Record	... 15·5
1891			... 15·6
1892	... 3,091 ...	... 18·7 ...	... 15·4
1893	... 2,797 ...	... 16·6 ...	... 14·7
1894	... 3,215 ...	... 18·8 ...	... 15·1
1895	... 2,810 ...	... 16·2 ...	... 15·0
1896	... 3,322 ...	... 18·8 ...	... 15·7
1897	... 3,465 ...	... 19·3 ...	... 16·0
1898	... 3,496 ...	... 19·2 ...	... 16·2
1899	... 3,663 ...	... 19·8 ...	... 16·5
1900	... 3,508 ...	... 18·7 ...	... 16·0
1901	... 3,640 ...	... 18·8 ...	... 15·8
1902	... 3,682 ...	... 17·5 ...	... 15·8
1903	... 3,506 ...	... 16·4 ...	... 15·6
1904	... 3,507 ...	... 16·2 ...	... 15·2
Mean ...	... 3,311 ...	... 18·1 ...	... 15·5

BIRTHS.

The number of Births registered during the year was 13,850, as compared with 14,136 in 1903, and 13,938 in 1902.

TABLE VI.—*Birth-rates during the year for the whole City and for each of the Registration Sub-Districts; also the total number of Births, Legitimate and Illegitimate, in each.*

District.	Estimated Population in the middle of 1904.	Legitimate.		Illegitimate.		Totals.	Birth-rate per 1,000 per annum.
		Male.	Female.	Male.	Female.		
Sheffield, North ...	39,084	600	600	41	45	1,286	32·9
,, South ...	25,938	495	483	32	28	1,038	40·0
,, Park ...	26,423	418	424	16	16	874	33·1
Brightside	81,532	1,266	1,278	82	76	2,702	33·1
Attercliffe	57,020	1,053	976	29	31	2,089	36·6
Nether Hallam ...	69,185	1,084	997	45	29	2,155	31·1
Upper Hallam ...	4,286	49	62	...	1	112	26·1
Ecclesall	103,361	1,275	1,289	61	64	2,689	26·0
Norton	12,747	220	224	3	3	450	35·5
Hillsboro'	13,364	227	213	8	7	455	34·0
City	432,940	6,687	6,546	317	300	13,850	32·0

TABLE VII.—*Birth-Rates in Registration Sub-Districts—10 Years, 1895-1904.*

Year.	North.	South.	Park.	Bright-side.	Atter-cliffe.	Nether Hallam.	Upper Hallam.	Ecclesall.	Norton.	Hillsboro'
1895	37·9	38·6	39·3	35·9	37·9	34·8	26·4	31.0	...	...
1896	37·5	38·3	42·2	33·8	35·8	33·8	30·0	30·1	...	...
1897	38·7	37·0	37·9	34·3	36·8	36·4	27·4	30·2	...	...
1898	38·5	37·2	37·9	33·4	38·4	33·9	20·6	29·6	...	...
1899	39·6	35·8	35·8	33·4	38·0	38·8	24·5	29·6	...	...
1900	36·4	38·3	36·5	32·7	39·7	33·8	21·4	28·6	...	...
1901	39·4	35·5	36·2	33·1	39·3	33·5	29·6	28·7	...	...
1902	35·4	37·1	30·0	33·2	37·9	33·2	33·0	29·3	34·4	36·4
1903	35·2	37·1	33·3	33·5	38·9	33·5	23·3	27·2	35·0	37·2
1904	32·9	40·0	33·1	33·1	36·6	31·1	26·1	26·0	35·5	34·0
Mean	37·1	37·5	36·2	33·6	37·9	34·3	26·2	29·0	34·9	35·8

TABLE VIII.—*Birth-rates in 20 Largest Towns during 1904.*

London ...	27·9	Manchester	31·3
Croydon	26·0	Salford...	31·8
West Ham	32·3	Oldham ...	24·9
Portsmouth	28·3	Bradford	22·1
Bristol...	26·7	Leeds ...	28·0
Birmingham	31·6	**SHEFFIELD**	**32.0**
Leicester	26·6	Hull ...	31·0
Nottingham	27·7	Sunderland	34·5
Liverpool	33·7	Newcastle	30·5
Bolton ...	26·8	Cardiff ...	29·6

Average 20 Largest Towns, 29·2

ILLEGITIMACY.

The number of Illegitimate Births registered during 1904 was 617 against 591 in 1903, and 556 in 1902. The proportion of Illegitimate Births was therefore 4·4 per cent. of the total number of children born. The proportion of Illegitimate Births in each of the Registration Sub-Districts was as follows :—

North	6·7 per cent.	Nether Hallam...	3·4 per cent.
South	5·8 ,,	Upper Hallam ...	0·9 ,,
Park	3·7 ,,	Ecclesall	4·7 ,,
Brightside	5·8 ,,	Norton ...	1·3 ,,
Attercliffe	2·8 ,,	Hillsborough ...	3·3 ,,

TABLE IX.—*Population and Births and Deaths in Sheffield in past years. Also Birth-rates and Death-rates in Sheffield and in England and Wales.*

YEAR.	SHEFFIELD.					ENGLAND.	
	POPULATION.	BIRTHS.		DEATHS.		Birth-rates.	Death-rates.
		Number of Births.	Birth-rates per 1,000 per annum.	Number of Deaths.	Death-rates per 1,000 per annum.		
1736	14,105						
1801	45,758						
1811	53,231						
1821	65,272						
1831	91,702						
1841	110,891						
1851	142,635	5,946	41·6	4,027	28·2	34·2	22·0
1861	186,375	7,561	40·5	4,610	24·7	34·6	21·6
1871	241,506	9,764	40·4	6,843	28·3	35·0	22·6
1872	245,023	9,973	40·6	6,445	26·3	35·6	21·3
1873	248,954	10,761	43·2	6,558	26·3	35·4	21·0
1874	253,645	10,861	42·8	7,009	27·6	36·0	22·2
1875	257,827	11,026	42·7	6,642	25·7	35·4	22·7
1876	262,080	11,205	42·7	6,568	25·1	36·3	20·9
1877	266,401	10,859	40·7	6,154	23·1	36·0	20·3
1878	270,791	10,985	40·3	7,208	26·6	35·6	21·6
1879	275,356	10,822	39·2	6,422	23·3	34·7	20·7
1880	279,800	10,723	38·3	6,410	22·9	34·2	20·5
1881	284,508	10,814	38·0	5,909	20·7	33·9	18·9
1882	289,194	10,837	35·4	6,281	21·1	33·8	19·6
1883	293,001	10,812	36·9	6,755	23·0	33·5	19·6
1884	296,856	11,272	37·9	6,832	23·0	33·6	19·7
1885	300,762	10,737	35·6	6,328	21·0	32·9	19·2
1886	304,720	10,567	34·6	6,130	20·1	32·8	19·5
1887	308,730	10,389	33·6	6,820	22·0	31·9	19·1
1888	312,793	9,863	31·5	6,611	21·1	31·2	18·1
1889	316,901	10,844	34·2	6,841	21·5	31·1	18·2
1890	321,079	10,691	33·2	8,316	25·9	30·2	19·5
1891	325,547	11,862	36·4	7,775	23·9	31·4	20·2
1892	330,816	11,846	35·8	6,840	20·7	30·5	19·0
1893	336,171	11,584	34·5	7,419	22·1	30·8	19·2
1894	341,612	11,267	33·0	6,028	17·6	29·6	16·6
1895	347,141	12,012	34·6	7,008	20·2	30·4	18·7
1896	352,760	11,853	33·6	6,732	19·1	29·7	17·1
1897	358,470	12,132	33·8	7,464	20·8	29·7	17·4
1898	364,272	12,066	33·1	7,213	19·8	29·4	17·6
1899	370,168	12,459	33·7	7,975	21·5	29·3	18·3
1900	376,160	12,572	33·4	8,292	22·0	28·9	18·3
1901	410,991	12,766	33·0	7,891	20·4	28·5	16·9
1902	418,765	13,938	33·3	7,064	16·9	28·6	16·3
1903	426,686	14,136	33·1	7,976	18·7	28·4	15·4
1904	432,940	13,850	32·0	7,284	16·8	27·9	16·2

DEATHS.

The number of deaths during 1904 was 7,284. Of these, 3,856 were in males, and 3,428 in females. The death-rate was 16·8 per 1000 per annum; or 17·9 per 1000 for males, and 15·8 per 1000 for females.

TABLE X.—*Mortality Rates in Quinquennial Periods in Sheffield and in England.*

Quinquennial Periods.	Mean Mortality rate per 1,000 of the population.	
	Sheffield.	England.
1871 to 1875	26·8	22·0
1876 to 1880	24·2	20·8
1881 to 1885	21·6	19·4
1886 to 1890	22·1	18·9
1891 to 1895	20·9	18·7
1896 to 1900	20·6	17·7
1901	20·4	16·9
1902	16·9	16·3
1903	18·7	15·4
1904	16·8	16·2

TABLE XI.—*Recorded and Corrected Death-rates per 1,000 persons living in 20 Largest Towns in 1904.*

Towns in the order of their Corrected Death-rates.	Recorded Death-rate, 1904.	Corrected Death-rate, 1904.	Comparative Mortality Figure.
ENGLAND AND WALES	16·23	16·23	1,000
ENGLAND AND WALES, *less* 76 GREAT TOWNS	15·40	14·88	917
76 GREAT TOWNS	17·24	18·31	1,128
CROYDON	13·80	14·15	872
LEICESTER	14·51	15·48	954
BRISTOL	15·62	16·03	988
CARDIFF	14·83	16·13	994
PORTSMOUTH	16·88	17·30	1,066
LONDON	16·63	17·48	1,077
WEST HAM	16·45	17·59	1,084
SHEFFIELD	**16·79**	**18·10**	**1,115**
NOTTINGHAM	17·70	18·65	1,149
HULL	18·56	19·02	1,172
BOLTON	16·91	19·12	1,178
BRADFORD	17·64	19·50	1,201
LEEDS	18·02	19·66	1,211
SUNDERLAND	19·46	20·07	1,237
OLDHAM	18·19	20·45	1,260
NEWCASTLE-ON-TYNE	19·36	20·88	1,287
BIRMINGHAM	19·88	21·39	1,318
SALFORD	21·18	23·40	1,442
MANCHESTER	21·27	23·76	1,464
LIVERPOOL	22·59	24·18	1,490

TABLE XII.

Sheffield's Relative position in the list of 20 largest Towns; the town with the *lowest* death-rate being put at the top of the list, and the others in order.

Year.	Comparative Mortality Figure.	Position.
1894	1,191	11th.
1895	1,216	14 ,,
1896	1,253	14 ,,
1897	1,352	15 ,,
1898	1,280	15 ,,
1899	1,344	17 ,,
1900	1,372	17 ,,
1901	1,343	16 ,,
1902	1,130	10 ,,
1903	1,303	14 ,,
1904	1,115	8 ,,

INFANTILE MORTALITY.

2,189 infants under one year of age died during 1904, giving an infantile mortality-rate of 158 deaths per 1,000 infants born.

The only recent years in which this rate has been more favourable are 1894 and 1902, both of which were years with wet cold summers and little Diarrhœa. The unusually slight prevalence of Measles helps to explain the low rate for 1904. The death-rate of infants from diseases of the Respiratory System is also comparatively low, partly owing, no doubt, to the slight prevalence of Measles.

The following are the rates for the last eleven years:—

1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
157	195	171	197	195	194	200	202	150	181	158

In the Registration Sub-Districts the infant mortality rates were as follows:—

North	222	Nether Hallam	156
South	131	Upper Hallam	80
Park	177	Ecclesall	133
Brightside	163	Norton	102
Attercliffe	170	Hillsborough	149

TABLE XIII.—*Infantile Mortality-Rates in 20 Largest Towns.*

TOWNS.	Ten Years 1894-1903.	1904.	TOWNS.	Ten Years 1894-1903.	1904.
London	154	146	Manchester	185	187
Croydon...	136	130	Salford	198	192
West Ham	167	162	Oldham	175	156
Portsmouth	157	142	Bradford	163	166
Bristol	142	134	Leeds	174	175
Birmingham	184	197	**SHEFFIELD**	**185**	**158**
Leicester	181	167	Hull	172	178
Nottingham	184	176	Sunderland	172	164
Liverpool	184	196	Newcastle	172	156
Bolton	171	168	Cardiff	154	146
		Average for 20 Largest Towns		170	165

TABLE XIV.—*Analysis of the Deaths which occurred during the year 1904 among Illegitimate Children under the age of 5 years.*

DISTRICTS.	DEATHS.			AGES AT DEATH.				CAUSES OF DEATH.							CERTIFIED, NOT CERTIFIED, INQUEST.		
	TOTAL.	MALE.	FEMALE.	UNDER 1 WEEK.	BETWEEN 1 WEEK AND 1 MONTH	BETWEEN 1 MONTH AND 1 YEAR.	BETWEEN 1 YEAR AND 5 YEARS.	ZYMOTIC DISEASES.	DIARRHŒA.	CHEST INFLAMMATIONS.	MENINGITIS AND CONVULSIONS.	VIOLENCE.	INANITION.	OTHER CAUSES.	CERTIFIED.	NOT CERTIFIED.	INQUESTS.
Sheffield North	21	11	10	4	2	13	2	...	5	2	2	1	6	5	19	...	2
,, South	15	9	6	2	5	5	3	...	2	2	4	1	4	2	13	...	2
,, Park..	15	13	2	1	...	12	2	1	3	2	4	...	2	3	10	2	3
Brightside ...	33	14	19	5	2	23	3	2	8	4	1	...	14	4	33	...	...
Attercliffe ...	18	9	9	1	2	13	2	2	7	2	1	...	4	2	18	...	...
Nether Hallam	27	13	14	1	3	17	6	1	4	8	1	1	9	3	26	...	1
Upper Hallam.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ecclesall	31	14	17	6	2	18	5	...	7	2	5	1	10	6	27	2	2
Norton	3	1	2	1	...	2	...	...	...	...	...	...	3	...	3	...	...
Hillsboro'......	5	2	3	...	...	5	...	...	...	...	2	...	3	...	3	1	1
Totals......	168	86	82	21	16	108	23	6	36	22	20	4	55	25	152	5	11

TABLE XV.—*Showing the number of Deaths and the Death-rate per 1,000 of the Inhabitants of Sheffield during 1904, from all causes, and from a number of specified causes. Also the number of persons alive, the number of Deaths, and the Death-rate per 1,000 of those living at all ages, and at certain specified age-periods. The number of Marriages, and the Births, together with the rates deducible therefrom, are also given.*

	Annual Death-rate per 1000.	All Ages.	Under 1 year.	1 and under 2 Years	2 and under 3 Years	3 and under 4 Years	4 and under 5 Years	Totals under 5 Years	5 and under 10 Years	10 and under 15 Years	15 and under 20 Years	20 and under 25 Years	25 and under 35 Years	35 and under 45 Years	45 and under 55 Years	55 and under 65 Years	65 and under 75 Years	75 Years and upwards
Annual Death-rate per 1,000 ...	...	16·8	178·9	46·5	17·0	12·2	8·2	57·2	3·7	2·2	2·3	3·6	5·1	10·1	16·6	36·5	79·1	165·7
Age Distribution of Population ...	...	432940	12239	10880	10459	10126	10115	53819	47867	42115	43572	45064	74369	52681	37382	22637	10470	2964
All Causes	16·825	7284	2189	506	178	124	83	3080	175	91	102	163	376	530	620	828	828	491
Small-pox	·002	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Measles	·076	33	10	8	10	4	1	33	...	...	..	...	...	...	...	...	...	...
Scarlet Fever	·203	88	2	8	16	15	9	50	27	5	...	2	2	2	...	...	...	...
Diphtheria and Membranous Croup	·115	50	2	10	11	6	6	35	11	3	...	...	...	...	...	1	...	...
Whooping Cough	·349	151	78	33	20	12	6	149	2	...	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	·125	54	...	...	2	...	2	4	5	4	5	9	11	10	4	2	...	...
Simple, &c., Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Septicæmia ... Puerperal Pyæmia ... *Puerperal Fever*	·035	15	...	...	...	...	...	...	...	...	1	4	7	3	...	...	...	...
Epidemic Diarrhœa ... Epidemic Enteritis ... *Diarrhœa*, Dysentery ...	1·451	628	472	109	7	7	1	596	2	2	...	1	1	1	3	7	7	8
Asiatic Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia Lobar ... Broncho ... Epidemic ... Not Defined ..	1·361	589	151	100	37	23	14	325	19	4	11	15	34	32	43	43	43	20
Carcinoma... ... ... Sarcoma ... ... *Malignant Disease, Cancer*...	·732	317	...	...	...	...	2	2	...	...	1	2	7	37	75	115	65	13
Tuberculous Phthisis ... " *Phthisis* "	1·238	536	2	3	4	2	1	12	1	12	28	51	121	132	104	64	11	...
Tuberculous Meningitis	·291	126	40	25	12	8	5	90	20	6	1	1	5	1	2	...	...	...
Tuberculous Peritonitis	·109	47	20	11	2	4	...	37	2	4	1	...	2	...	1	...	...	...
Tabes Mesenterica	·067	29	18	4	...	2	2	26	...	2	...	...	...	...	1	...	...	...
DISEASES OF THE Nervous System	1·159	502	250	38	14	8	6	316	12	9	4	3	24	28	22	29	33	22
Heart	1·312	568	5	...	...	...	...	5	9	14	13	13	33	77	92	135	107	70
Blood Vessels	·991	429	...	...	1	...	...	1	1	...	1	1	9	23	69	101	161	62
Respiratory System (other than Pneumonia) ...	1·820	788	180	59	21	8	3	271	10	1	2	3	9	35	57	147	157	96
Digestive System	·952	412	135	18	2	5	7	167	11	6	7	16	29	28	41	51	45	11
Urinary System	·476	206	3	5	1	1	1	11	3	2	6	6	13	22	37	42	40	24
Generative System	·046	20	...	...	...	...	...	...	...	...	...	...	3	8	3	6	...	...
Accidents Childbirth	·104	45	...	...	...	...	...	...	...	..	3	6	16	20	...	...	...	...
Suicide	·069	30	...	...	...	...	...	...	...	...	2	2	5	12	3	4	2	...
Other Violence	·464	201	34	11	5	10	10	70	21	4	3	6	15	15	16	26	17	8
Other Causes	3·278	1419	787	64	13	9	7	880	19	13	13	22	30	43	47	55	140	157

Deaths of Infants (under 1 year) to 1,000 Births...158

Marriages... 3,507
Births 13,850

Persons Married ... .. 16·2 per 1,000 living.
Birth-rate ... ... 32·0 ,, ,,

TABLE XVI.—*Mortality at certain age periods.*

AGES.	Death-rate per 1,000 Persons living at each age of Group.						
	1898.	1899.	1900.	1901.	1902.	1903.	1904.
Under 1 year	225·2	229·3	228·3	236·5	175·8	212·3	178·9
1 and under 2 years.........	74·7	79·7	85·1	70·4	46·0	76·0	46·5
2 ,, ,, 3 ,, ...	28·0	34·3	36·0	27·3	19·6	26·0	17·0
3 ,, ,, 4 ,, ...	15·3	25·2	22·9	16·0	11·1	17·6	12·2
4 ,, ,, 5 ,, ...	10·5	17·4	14·6	12·7	7·7	7·8	8·2
Total under 5 ,, ...	77·2	83·6	83·7	79·3	56·6	73·5	57·2
5 and under 10 ,, ...	4·5	7·4	6·8	5·1	3·8	3·7	3·7
10 ,, ,, 15 ,, ...	2·1	2·1	2·6	2·6	2·3	1·9	2·2
15 ,, ,, 20 ,, ...	3·2	3·8	3·3	3·1	2·6	2·4	2·3
20 ,, ,, 25 ,, ...	5·0	4·5	4·7	3·6	3·1	2·8	3·6
25 ,, ,, 35 ,, ...	6·3	6·9	6·2	5·7	4·9	5·0	5·1
35 ,, ,, 45 ,, ...	10·8	12·7	12·6	10·7	10·5	10·4	10·1
45 ,, ,, 55 ,, ...	19·3	20·7	21·6	21·0	18·8	19·0	16·6
55 ,, ,, 65 ,, ...	39·9	41·4	42·8	38·2	36·6	35·0	36·5
65 ,, ,, 75 ,, ...	80·8	83·9	83·2	76·6	74·8	74·8	79·1
Over 75 years	179·4	187·0	188·0	162·8	164·9	149·5	165·7
At all ages	20·2	22·1	22·0	20·4	16·8	18·7	16·8

TABLE XVII.

Deaths and Death Rates from Principal Zymotic Diseases.

Year.	No. of Deaths.	Rate per 1,000.
1890	1,197	3·72
1891	914	2·79
1892	1,060	3·22
1893	1,207	3·61
1894	792	2·33
1895	1,176	3·22
1896	1,072	3·03
1897	1,251	3·52
1898	1,404	3·94
1899	1,648	4·56
1900	1,670	4·44
1901	1,629	4·10
1902	739	1·77
1903	1,367	3·20
1904	1,005	2·32

***TABLE XVIII.**—*Zymotic Death-Rate of Sheffield during 1904 and the ten years immediately preceding; also the average rates of the 76 large towns.*

DISEASE.	Rates to 1,000 Persons Living.		
	SHEFFIELD.		Average for 76 Large Towns, 1904.
	Average for 10 years, 1894-1903.	1904.	
Small-Pox	0·00	0·00	0·01
Measles	0·55	0·08	0·47
Scarlatina	0·18	0·20	0·12
Diphtheria and Membranous Croup	0·44	0·11	0·19
Whooping Cough	0·43	0·34	0·40
Fever	0·28	0·12	0·10
Diarrhœa and Dysentery	1·42	1·35	1·20
Total for above 7 Causes	3·30	2·20	2·49

* Compiled from the Registrar-General's Annual Summary for 1904.

TABLE XIX.—*Death-rate from Principal Zymotic Diseases in 20 Largest Towns during 1904.*

LONDON	2·18	MANCHESTER	3·09
CROYDEN	1·42	SALFORD	4·37
WEST HAM	3·43	OLDHAM	2·31
PORTSMOUTH	2·13	BRADFORD	2·42
BRISTOL	1·64	LEEDS	2·56
BIRMINGHAM	3·42	**SHEFFIELD**	2·20
LEICESTER...	1·97	HULL	3·52
NOTTINGHAM	2·58	SUNDERLAND	2·33
LIVERPOOL	4·66	NEWCASTLE-ON-TYNE ...	1·79
BOLTON	2·28	CARDIFF	1·80
AVERAGE FOR 20 LARGEST TOWNS	2·60.		

In the 76 great towns the rate was 2·49. In the 142 smaller towns it was 2·03, and in England and Wales it was 1·94.

TABLE XX.—*Cases of Infectious Disease notified during each month of the year 1904 under the Infectious Diseases (Notification) Act, 1889.*

DISEASES.	JAN.	FEB.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPT.	OCTOBER.	NOV.	DEC.	TOTALS.
Small Pox	2	11	3	16	6	3	3	...	...	...	...	...	44
Scarlet Fever	126	152	193	152	233	186	213	203	292	458	390	308	2,906
Typhus Fever...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Membranous Croup	28	29	32	21	29	34	35	35	41	40	41	35	400
Continued Fever	...	1	...	...	1	1	...	...	...	...	...	...	3
Enteric Fever...	23	27	19	18	14	13	10	26	58	60	54	26	348
Puerperal Fever	2	2	1	2	3	...	2	8	...	4	6	2	32
Erysipelas	30	31	31	36	28	22	15	33	28	43	44	44	385
TOTALS	211	253	279	245	314	259	278	305	419	605	535	415	4,118

TABLE XXI.—*Cases of Infectious Disease notified since 1894, under the Infectious Diseases (Notification) Act, 1889.*

DISEASES.	NUMBER OF CASES NOTIFIED.											Average 10 yrs. 1894-1903.
	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	
Small-pox	8	1	...	...	...	1	...	2	38	59	44	11
Scarlet Fever	832	766	2,002	1,608	1,493	1,999	1,794	1,474	1,601	2,110	2,906	1,568
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Membranous Croup	149	122	138	136	332	2,244	2,454	1,598	969	492	400	863
Continued Fever	18	12	14	14	16	4	1	...	1	7	3	9
Enteric Fever	347	469	617	671	903	1,144	512	862	373	345	348	624
Puerperal Fever	45	32	38	37	44	23	41	35	37	38	32	37
Erysipelas	360	334	403	330	298	376	389	286	391	401	385	357
TOTALS	1,759	1,736	3,212	2,796	3,086	5,791	5,191	4,257	3,410	3,452	4,118	3,469

***TABLE XXII.**—*Monthly Admissions to Hospital during 1904 (uncorrected for mistaken diagnosis); also the average number of cases admitted during the previous five years.*

DISEASES.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	TOTAL.	AVERAGE OF PREVIOUS FIVE YEARS.
Small-Pox	2	12	9	16	7[1]	3	3	...	...	...	...	...	52	20
Scarlet Fever... ...	103	117	147[2]	117	199	149	190	168	259	280	249[3]	235	2213	893
Typhus Fever... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Membranous Croup ...	9	19	17	12	16	20	24	19	23	22	19	17	217	391
Enteric Fever... ...	16	17	15	13	10	8	9	19	43	45	35	20	250	224
Scarlet Fever and Diphtheria	...	...	2	...	3	1	2	2	2	1	...	...	13	1
Combined Diseases ...	...	...	1	1	1	...	1	1	5	1	...	...	11	35
Total admissions...	130	165	191	159	236	181	229	209	332	349	303	272	2756	1564

* This Table is compiled by the Medical Superintendent of the City Fever Hospital.

(1) From outside of Sheffield. (2) and (3) Mother admitted with infant included.

TABLE XXIII.—*Measles.—Mortality in Males and Females, and under certain age-periods; also Mortality Rates, since 1887.*

Years.	Deaths.	Rate per 1,000,	Deaths.		AGE AT DEATH.							
			Males.	Females	Under 1 Year.	1 and uuder 2 Years.	2 and under 3 Years.	3 and under 4 Years.	4 and under 5 Years.	5 and under10 Years.	10 and under 15 Years.	Over 15 Years.
1887	266	·84	147	119	59	117	40	26	13	11	0	0
1888	52	·16	31	21	11	19	12	5	3	2	0	0
1889	226	·69	119	107	40	88	44	22	12	20	0	0
1890	235	·73	116	119	51	84	41	24	19	13	2	1
1891	180	·55	86	94	33	82	24	13	11	17	0	0
1892	248	·75	133	115	59	92	41	30	13	13	0	0
1893	171	·52	78	93	48	61	31	13	10	8	0	0
1894	170	·50	78	92	30	78	36	12	7	7	0	0
1895	189	·55	99	90	42	84	31	11	12	5	1	3
1896	208	·59	109	99	50	85	32	20	11	9	0	1
1897	196	·55	91	105	48	91	22	11	8	15	0	1
1898	177	·50	89	88	40	80	26	15	11	4	1	0
1899	221	·61	106	115	55	90	38	14	14	9	0	1
1900	200	·53	104	96	55	82	32	17	6	6	1	1
1901	226	·58	116	110	48	92	39	17	16	13	0	1
1902	185	·44	94	91	50	79	36	8	7	4	0	1
1903	335	·78	170	165	90	126	52	35	22	6	0	4
Averages of years 1887-1903..	205	·58	104	101	48	84	34	17	11	9	·3	·8
1904	33	·08	15	18	10	8	10	4	0	1	0	0

TABLE XXIV.—*Measles.—Mortality rate per 1,000 persons living; 10 years 1894-1903, and 1904.*

YEAR.	REGISTRATION SUB-DISTRICTS.										CITY.
	NORTH.	SOUTH.	PARK.	BRIGHTSIDE.	ATTERCLIFFE.	NETHER HALLAM.	UPPER HALLAM.	ECCLESALL.	NORTON.	HILLSBORO'.	
1894	0·43	0·24	0·91	0·83	0·31	0·51	0·73	0·30	No Record.	No Record.	0·50
1895	0·95	0·58	0·28	0·29	0·85	0·52	0·72	0·54			0·54
1896	1·42	0·54	0·95	0·34	0·63	0·67	0·36	0·34			0·59
1897	0·44	0·86	0·55	0·73	0·80	0·54	...	0·28			0·55
1898	0·47	0·38	1·09	0·64	0·92	0·40	...	0·13			0·49
1899	1·08	0·86	0·78	0·62	0·67	0·19	...	0·54			0·60
1900	0·95	0·34	0·99	0·51	0·40	0·57	0·27	0·36			0·53
1901	0·64	0·49	1·03	0·46	0·97	0·37	0·27	0·52	...	1·01	0·55
1902	1·16	0·53	0·59	0·32	0·26	0·55	...	0·24	0·41	0·47	0·44
1903	0·43	0·50	1·84	0·93	1·21	0·71	0·23	0·43	0·60	1·03	0·78
Average 10 years 1894-1903 ...	0·80	0·53	0·90	0·57	0·70	0·50	0·26	0·37	?	?	0·56
1904	0·18	0·04	0·04	0·10	0·10	0·09	...	0·04	...	...	0·08

TABLE XXV.—*Measles Mortality in the 20 Largest Towns.*

TOWNS.	Mean Mortality-rate from Measles, 1894-1903.	Mortality-rate from Measles, 1904.
LONDON	0·56	0·49
CROYDON	0·23	0·42
WEST HAM	0·65	0·60
PORTSMOUTH	0·35	0·01
BRISTOL	0·44	0·30
BIRMINGHAM	0·46	0·38
LEICESTER	0·37	0·14
NOTTINGHAM	0·38	0·18
LIVERPOOL	0·47	0·94
BOLTON	0·52	0·07
MANCHESTER	0·76	0·76
SALFORD	0·87	1·11
OLDHAM	0·64	0·47
BRADFORD...	0·33	0·52
LEEDS	0·47	0·76
SHEFFIELD	**0·55**	**0·08**
HULL	0·51	0·71
SUNDERLAND	0·57	0·40
NEWCASTLE	0·48	0·25
CARDIFF	0·38	0·36
Average 20 Largest Towns...	0·50	0·45

TABLE XXVI.—*Scarlet Fever.—Mortality-rate per 1,000 persons living 10 years 1894-1903 and 1904.*

YEAR.	REGISTRATION SUB-DISTRICTS.										CITY.
	NORTH.	SOUTH.	PARK.	BRIGHTSIDE.	ATTERCLIFFE.	NETHER HALLAM.	UPPER HALLAM.	ECCLESALL.	NORTON.	HILLSBRO'.	
1894	0·03	0·07	0·12	0·11	0·36	0·12	1·09	0·03	No Record.	No Record.	0·12
1895	0·05	0·27	0·08	0·10	0·17	0·04	0·72	0·07			0·10
1896	0·49	0·48	0·08	0·19	0·46	0·36	...	0·17			0·29
1897	0·60	0·27	0·12	0·23	0·21	0·25	...	0·23			0·26
1898	0·08	0·07	0·12	0·20	0·32	0·21	...	0·11			0·16
1899	0·33	0·14	0·43	0·37	0·20	0·24	0·35	0·14			0·25
1900	0·13	0·22	0·12	0·15	0·20	0·16	...	0·20			0·17
1901	0·10	0·08	0·12	0·15	0·21	0·14	...	0·16	0·54 (2 months)	...	0·15
1902	0·08	0·23	0·12	0·05	0·16	0·28	...	0·13	0·08	...	0·14
1903	0·31	0·31	0·69	0·16	0·21	0·23	...	0·15	0·43	...	0·23
Average 10 years 1894-1903 ...	0·22	0·21	0·20	0·17	0·25	0·20	0·22	0·14	?	?	0·19
1904	0·20	0·12	0·19	0·29	0·09	0·35	0·23	0·14	0·08	0·15	0·20

TABLE XXVII.—*Scarlet Fever Notifications, Deaths, and Percentage Mortality.*

Year...	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
Notified Cases of Scarlet Fever ...	832	766	2002	1608	1493	1999	1794	1474	1601	2110	2906
Deaths	40	36	100	93	58	91	64	57	58	99	88
Percentage Mortality	4·8	4·6	4·9	5·6	3·9	4·5	3·6	3·9	3·6	4·7	3·0

TABLE XXVIII.—*Scarlet Fever Notifications, Cases removed to Hospitals, and Cases treated at Home during each month of the year.*

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total Cases	126	152	194	152	233	186	213	203	292	458	390	308
Removed to Hospital ...	97	118	147	116	207	164	183	172	264	298	244	225
Treated at Home ...	29	34	46	36	26	22	30	31	28	160	146	83

TABLE XXIX.—*Scarlet Fever cases removed to Hospitals during each year since 1884, and the Percentage of cases removed since the adoption of the Infectious Diseases (Notification) Act.*

Year.	Total Number of Cases removed to Hospital.	Percentage of Cases removed.	Year.	Total Number of Cases removed to Hospital.	Percentage of Cases removed.
1884	112		1895	443	58%
1885	67		1896	1,185	59%
1886	90		1897	1,034	64%
1887	66		1898	912	61%
1888	67		1899	788	39%
1889	226		1900	777	43%
1890	384	17%	1901	774	53%
1891	374	29%	1902	709	44%
1892	536	37%	1903	1,415	67%
1893	845	46%	1904	2,235	77%
1894	452	54%			

TABLE XXX.—*Scarlet Fever—Sickness Rate per 1000 persons living in Registration Sub-Districts and in City, ten years, 1894–1903, and 1904.*

Year.	Registration Sub-Districts.										City.
	North.	South.	Park.	Bright-side.	Atter-cliffe.	Nether Hallam.	Upper Hallam.	Ecclesall.	Norton.	Hillsbro'.	
1894	1·25	2·02	1·82	2·18	5·34	1·90	5·08	2·48	No Record.	No Record.	2·44
1895	1·68	2·12	2·56	2·73	4·12	1·37	2·53	1·62			2·21
1896	5·28	6·51	5·22	4·30	9·57	5·34	2·15	5·65			5·67
1897	4·69	3·70	4·03	4·34	6·48	4·42	1·41	4·44			4·49
1898	3·57	2·39	2·82	5·10	5·35	4·33	9·44	3·85			4·10
1899	5·01	4·80	6·24	6·90	5·61	5·61	2·45	4·69			5·40
1900	3·61	3·89	2·57	5·55	3·84	4·04	2·67	6·51			4·77
1901	2·34	3·17	2·29	3·31	4·16	3·62	2·44	5·11	*8·15	*2·02	3·82
1902	3·37	2·68	2·09	3·29	4·37	5·76	1·85	3·98	2·32	2·52	3·82
1903	4·89	4·35	8·31	5·47	3·60	5·00	5·11	4·77	5·75	1·91	4·94
Average 10 years —1894–1903	3·57	3·56	3·79	4·32	5·24	4·14	3·51	4·31	?	?	4·17
1904	6·81	7·21	6·77	7·06	3·98	8·47	8·63	5·16	8·24	14·67	6·68

* 2 Months.

TABLE XXXI.—*Scarlet Fever Mortality in the 20 Largest Towns.*

Towns.	Mean Mortality-rate from Scarlet Fever, 1894-1903.	Mortality-rate from Scarlet Fever, 1904.
London	0·14	0·08
Croydon	0·04	0·05
West Ham	0·13	0·14
Portsmouth	0·10	0·11
Bristol	0·11	0·11
Birmingham	0·23	0·12
Leicester	0·16	0·02
Nottingham	0·16	0·11
Liverpool	0·30	0·20
Bolton	0·26	0·13
Manchester	0·22	0·15
Salford	0·37	0·25
Oldham	0·25	0·15
Bradford...	0·18	0·15
Leeds	0·18	0·13
SHEFFIELD	**0·18**	**0·20**
Hull	0·15	0·05
Sunderland	0·20	0·02
Newcastle	0·14	0·11
Cardiff	0·11	0·14
Average 20 Largest Towns ...	0·18	0·12

TABLE XXXII.—*Diphtheria.—Percentage Mortality in Hospital and Home-treated Cases, 1904.*

Cases of Sickness	400
Deaths...	50
Percentage Mortality	12·5
Hospital-treated Cases :	
Cases of Sickness	220
Deaths...	13
Percentage Mortality	5·9
Home-treated Cases :	
Cases of Sickness	180
Deaths...	37
Percentage Mortality	20·6

TABLE XXXIII.—*Diphtheria.—Mortality Rate in the 20 Largest Towns.*

TOWNS.	Mean Mortality Rate from Diphtheria, 1894 to 1903.	Mortality Rate from Diphtheria, 1904.	TOWNS.	Mean Mortality Rate from Diphtheria, 1894 to 1903.	Mortality Rate from Diphtheria, 1904.
London	0·12	0·16	Manchester ...	0·19	0·17
Croydon	0·17	0·17	Salford	0·32	0·49
West Ham ...	0·63	0·15	Oldham	0·20	0·25
Portsmouth ...	0·32	0·36	Bradford	0·13	0·57
Bristol	0·25	0·30	Leeds	0·34	0·10
Birmingham ...	0·27	0·24	**SHEFFIELD** ...	**0·44**	**0·11**
Leicester	0·50	0·03	Hull	0·18	0·25
Nottingham ...	0·11	0·28	Sunderland ...	0·10	0·18
Liverpool	0·24	0·27	Newcastle ...	0·16	0·22
Bolton	0·13	0·16	Cardiff	0·48	0·18
Average for 20 Largest Towns				0·28	0·23

TABLE XXXIV.—*Diarrhœa.—Monthly Mortality since 1897.*

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Whole Year.
1897	4	6	0	2	4	8	104	380	118	25	10	2	663
1898	3	6	10	5	4	14	44	291	251	73	10	2	713
1899	3	2	2	4	4	11	151	250	145	31	12	9	624
1900	5	5	4	5	8	3	97	267	149	64	9	3	619
1901	5	6	9	8	8	14	268	327	153	43	9	7	857
1902	1	4	2	6	13	11	21	2	105	62	8	12	270
1903	8	6	8	9	8	11	30	273	162	46	14	4	579
1904	6	3	5	4	6	10	51	301	176	51	13	2	628

TABLE XXXV.—*Diarrhœa Mortality Rate in Registration Sub-Districts since 1897.*

DISTRICTS.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.
Sheffield North ...	2·63	3·48	3·56	2·92	3·27	1·38	2·51	2·28
South ...	2·29	2·70	2·12	1·45	1·77	1·03	1·35	1·50
Park ...	2·69	2·62	1·83	1·85	3·35	0·71	1·42	1·70
Brightside	2·22	1·87	1·56	1·58	2·19	0·55	1·67	1·68
Attercliffe	2·05	2·32	2·15	2·35	2·72	0·78	1·70	2·00
Nether Hallam ...	1·47	1·85	1·66	1·57	2·30	0·44	1·19	1·40
Upper Hallam ...	0·35	...	0·35	0·27	1·36	...	0·23	0·93
Ecclesall	1·14	1·11	0·88	0·91	1·39	0·48	0·78	0·79
Norton...	0·90	0·70	0·32	0·49	1·36	0·33	0·68	0·71
Hillsboro'	0·81	0·77	0·83	1·23	1·93	0·15	0·71	0·90
Whole City	1·88*	2·00*	1·73*	1·65*	2·21*	0·64	1·36	1·45

*Rate for old City area.

TABLE XXXVI.—*Diarrhœa Mortality under certain Age-periods since 1897.*

YEAR.	Under 1 Year.	1 Year and under 2	2 and under 3.	3 and under 4.	4 and under 5.	5 and under 10.	10 and under 45.	Over 45 Years.
1897	485	115	14	3	0	3	6	37
1898	510	116	19	0	0	1	12	55
1899	467	100	13	6	0	0	7	31
1900	460	97	12	4	4	1	6	35
1901	637	139	16	7	1	7	9	41
1902	192	41	6	3	1	1	2	24
1903	406	125	12	3	1	2	8	22
1904	472	109	7	7	1	2	5	25

TABLE XXXVII.—*Showing Weekly Deaths from Diarrhœa; Temperature; and Rainfall.*

Week ending.	Deaths from Diarrhœa.	Maximum Temperature (Shade).	Minimum Temperature (Shade).	Soil Temperature (4 feet).	Total Rainfall for the Week, in inches.	Week ending.	Deaths from Diarrhœa.	Maximum Temperature (Shade).	Minimum Temperature (Shade).	Soil Temperature (4 feet).	Total Rainfall for the Week, in inches.
1904						1904					
Jan. 2	1	34·9	29·7	43·1	0·114	July 2	5	67·5	47·9	51·9	0·204
9	1	42·3	34·3	42·1	0·894	9	2	68·7	52·2	52·6	0·038
16	1	44·2	35·4	41·6	1·150	16	9	74·8	55·5	54·1	0·080
23	1	45·8	36·7	41·2	0·140	23	12	71·6	53·8	55·5	0·040
30	2	45·1	35·6	41·1	0·592	30	27	67·4	56·3	56·2	1·715
Feb. 6	1	40·2	33·5	41·1	2·013	Aug. 6	55	74·4	56·3	56·5	0·439
13	1	43·3	35·4	40·9	1·584	13	83	65·5	51·3	57·1	0·256
20	...	42·2	33·0	40·7	1·427	20	83	62·8	50·9	56·8	1·650
27	...	40·6	34·2	40·4	0·410	27	62	59·9	48·2	55·9	1·445
Mar. 5	2	35·4	29·6	40·2	0·299	Sept. 3	41	70·2	53·6	55·5	0·308
12	2	44·1	33·5	39·8	0·573	10	60	63·6	50·2	56·0	0·062
19	...	46·8	34·1	39·7	0·548	17	33	63·2	48·3	55·6	0·153
26	2	47·4	37·9	40·2	0·131	24	39	60·8	44·3	54·9	0·311
April 2	1	49·0	35·1	40·8	1·038	Oct. 1	25	60·2	45·5	54·1	0·280
9	...	52·3	40·1	41·3	0·670	8	13	55 7	43·6	53·3	0·106
16	1	53·7	40·6	42·3	0·880	15	16	55·6	40·5	52·3	0·205
23	...	56·0	41·6	43·3	0·190	22	10	60·1	49·6	51 2	0·280
30	2	54·7	44·0	44·2	0·153	29	7	55·1	43·2	51·0	0·020
May 7	...	55·2	41·9	45·3	0·473	Nov. 5	5	50·8	45·5	50·2	0·161
14	1	55·8	42·9	46·0	0·240	12	2	51·6	41·1	49·8	1·499
21	2	59·0	42·8	46·6	0·078	19	2	52·7	40·3	48·9	0·058
28	3	61·8	48·5	47·6	0·855	26	4	38·6	30·5	47·8	0·566
June 4	2	61·2	47·0	48·6	0·825	Dec. 3	1	45·4	38·5	46·2	0·010
11	1	59·8	46·0	49·3	0·250	10	1	44·1	35·2	45·3	0·663
18	1	64·2	51·1	50·1	0·105	17	...	45·9	37·0	44·4	0·913
25	2	61·7	50·0	51·1	0·234	24	1	39·9	29·8	43·7	...
						31	...	43·5	34·9	42·5	0·248

TABLE XXXVIII.—*Diarrhœa.—Mortality in the 20 Largest Towns.*

Towns.	Mean Mortality Rate from Diarrhœa, 1894 to 1903.	Mortality Rate from Diarrhœa, 1904.	Towns.	Mean Mortality Rate from Diarrhœa, 1894 to 1903.	Mortality Rate from Diarrhœa, 1904.
London	0·78	1·04	Manchester ...	1·34	1·37
Croydon	0·63	0·64	Salford	1·55	1·66
West Ham... ...	1·23	2·08	Oldham	0·76	0·91
Portsmouth ...	1·11	1·08	Bradford	0·80	0·83
Bristol	0·62	0·51	Leeds	1·04	0·99
Birmingham.. ...	1·27	1·76	**SHEFFIELD** ...	**1·42**	**1·35**
Leicester	1·31	1·31	Hull	1·46	2·08
Nottingham.. ...	1·18	1·37	Sunderland ...	1·18	1·09
Liverpool	1·42	2·52	Newcastle ...	0·78	0·51
Bolton	1·28	0·94	Cardiff	0·75	0·72
Average for 20 Largest Towns				1·09	1·24

TABLE XXXIX.—*Whooping Cough. Mortality rate per 1000 persons living 10 years, 1894-1903 and 1904.*

YEAR.	REGISTRATION SUB-DISTRICTS.										CITY.
	NORTH.	SOUTH.	PARK.	BRIGHTSIDE.	ATTERCLIFFE.	NETHER HALLAM.	UPPER HALLAM.	ECCLESALL.	NORTON.	HILLSBORO'.	
1894	1·03	0·82	1·27	0·57	1·05	0·59	0·36	0·40	No Record.	No Record.	0·70
1895	0·05	0·20	0·43	0·19	0·07	0·34	...	0·23			0·21
1896	1·33	0·58	0·71	0·65	0·48	0·45	...	0·31			0·57
1897	0·58	0·24	0·43	0·51	0·21	0·56	...	0·27			0·39
1898	0·93	0·75	0·78	0·56	0·64	0·55	0·70	0·46			0·60
1899	0·25	0·17	0·19	0·16	0·07	0·30	...	0·10			0·16
1900	0·85	0 67	0·39	0·56	0·66	0·49	...	0·42			0·55
1901	0·31	0·08	0·79	0·42	0·33	0·26	0·27	0·22	... (2 mos.)	1·01 (2 mos.)	0·30
1902	0·23	0·11	0·08	0·19	0·33	0·21	...	0·10	0·08	...	0·17
1903	0·66	0·62	0·79	0·80	0·62	0·81	0·23	0·34	0·43	0·40	0·62
Average 10 years, 1894-1903 ...	0·62	0·42	0·59	0·46	0·45	0·46	0·16	0·28	?	?	0·43
1904	0·74	0·38	0·34	0·27	0·46	0·40	...	0·26	...	...	0·35

TABLE XL.—*Whooping Cough Deaths and Rate per 1,000 since 1895.*

YEARS	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
TOTAL DEATHS	73	202	139	219	59	206	124	72	263	151
RATE PER 1,000	·21	·58	·39	·61	·16	·55	·32	·17	·62	·35

TABLE XLI.—*Whooping Cough. Mortality under certain age periods since 1897.*

AGES.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	TOTALS. EIGHT YEARS.
Under 1 year	61	86	23	104	56	37	119	78	564
1 and under 2 years..	35	79	23	57	40	17	81	33	365
2 ,, 3 ,,	18	26	2	21	18	8	34	20	147
3 ,, 4 ,,	6	21	6	12	3	7	21	12	88
4 ,, 5 ,,	8	4	4	6	3	3	5	6	39
Over 5 years	11	3	1	6	4	...	3	2	30

TABLE XLII.—*Whooping Cough Mortality in the 20 Largest Towns.*

Towns.	Mean Mortality-rate from Whooping Cough 1894-1903.	Mortality-rate from Whooping Cough, 1904.
London	0·43	0·33
Croydon	0·35	0·10
West Ham	0·48	0·35
Portsmouth	0·31	0·40
Bristol	0·38	0·34
Birmingham	0·45	0·85
Leicester	0·28	0·39
Nottingham	0·34	0·36
Liverpool	0·52	0·58
Bolton	0·40	0·75
Manchester	0·50	0·50
Salford	0·60	0·62
Oldham	0·45	0·27
Bradford	0·30	0·17
Leeds	0·37	0·47
SHEFFIELD	**0·43**	**0·34**
Hull	0·35	0·26
Sunderland	0·45	0·42
Newcastle	0·45	0·58
Cardiff	0·48	0·34
Average 20 Largest Towns ...	0·42	0·42

TABLE XLIII.—*Enteric Fever. Sickness-rate per 1,000 persons living in Registration Sub-Districts; 10 years 1894-1903 and 1904.*

YEAR.	REGISTRATION SUB-DISTRICTS.										CITY.
	NORTH.	SOUTH.	PARK.	BRIGHT-SIDE.	ATTER-CLIFFE.	NETHER HALLAM.	UPPER HALLAM.	ECCLESALL.	NORTON.	HILLSBRO'.	
1894	3·25	0·65	0·59	1·12	0·38	0·82	...	0·71	No Record.	No Record.	1·03
1895	2·74	1·57	1·06	1·32	1·05	0·56	...	1·51			1·37
1896	1·31	1·26	3·16	2·54	1·62	0·95	0·36	1·72			1·77
1897	2·63	2·16	3·25	1·41	1·44	1·20	0·35	2·25			1·91
1898	3·31	2·74	5·09	1·98	2·10	2·59	0·35	2·14			2·53
1899	5·20	2·84	3·24	4·08	4·05	3·24	1·05	1·32			3·17
1900	1·88	1·16	1·42	2·55	1·29	0·94	0·27	0·65			1·36
1901	2·59	2·23	1·78	2·92	3·22	2·29	2·17	0·98	... (2 mos.)	0·50 (2 mos.)	2·23
1902	1·97	0·99	1·42	0·87	0·82	0·56	0·79	0·70	0·33	0·39	0·89
1903	1·02	1·00	0·88	0·89	0·57	0·94	...	0·59	1·19	1·03	0·88
Averages 10 years 1894 to 1903.	2·59	1·67	2·19	1·97	1·65	1·41	0·53	1·26	?	?	1·72
1904	1·15	0·50	0·38	1·10	1·12	0·82	1·17	0·39	0·63	1·12	0·84

TABLE XLIV.—*Enteric Fever Cases of Sickness in each month since 1896.*

YEAR.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1896	47	52	59	30	9	24	37	107	89	98	35	30
1897	27	24	19	20	10	14	38	69	170	121	80	79
1898	70	39	38	23	15	14	20	23	102	168	243	148
1899	117	61	34	36	24	30	36	117	271	256	117	45
1900	36	15	22	17	11	10	23	62	115	98	79	24
1901	42	30	45	28	25	20	19	102	212	185	103	51
1902	38	16	21	28	16	21	16	30	33	59	65	30
1903	24	19	25	19	19	13	10	29	48	66	39	34
1904	23	27	19	18	14	13	10	26	58	60	54	26

TABLE XLV.—*Enteric Fever Notifications, Deaths, and Percentage Mortality at several age periods during 1904.*

	At all Ages.	AT AGES—YEARS.					
		Under 1.	1 to 5.	5 to 15	15 to 25.	25 to 65.	65 and upwards.
Cases Notified ...	348	...	22	106	81	138	1
Deaths...	54	...	4	9	14	27	...
Percentage Mortality	15·5 %	...	18·2 %	8·5 %	17·3 %	19·6 %	...

TABLE XLVI.—*Enteric Fever. Mortality rate per 1000 persons living during 1904; also average for 10 years, 1894-1903.*

	REGISTRATION SUB-DISTRICTS.										CITY.
	North.	South.	Park.	Bright-side.	Atter-cliffe.	Nether Hallam.	Upper Hallam.	Ecclesall.	Norton.	Hillsboro'.	
Average 10 years, 1894-1903 ...	0·42	0·37	0·36	0·31	0·31	0·21	0·14	0·19	0·02	0·10	0·27
1904	0·13	0·12	0·15	0·18	0·17	0·12	0·47	0·05	...	0·15	0·12

TABLE XLVII.—*Fever Mortality in the 20 Largest Towns.*

TOWNS.	Mean Mortality Rate from Fever, 1894 to 1903.	Mortality Rate from Fever, 1904.	TOWNS,	Mean Mortality Rate from Fever, 1894 to 1903.	Mortality Rate from Fever, 1904.
London	0·14	0·07	Manchester ...	0·18	0·12
Croydon	0·08	0·04	Salford	0·32	0·23
West Ham ...	0·25	0·11	Oldham	0·13	0·16
Portsmouth ...	0·25	0·17	Bradford	0·17	0·17
Bristol	0·12	0·08	Leeds	0·19	0·11
Birmingham ...	0·21	0·07	**SHEFFIELD** ...	**0·28**	**0·12**
Leicester	0·14	0·06	Hull	0·21	0·15
Nottingham ...	0·28	0·23	Sunderland ...	0·42	0·21
Liverpool	0·30	0·15	Newcastle ...	0·14	0·04
Bolton	0·28	0·22	Cardiff	0·10	0·05
Average for Twenty Largest Towns				0·21	0·13

MINOR ZYMOTICS.

TABLE XLVIII.—*Influenza. Deaths 10 years 1894-1903, also 1904.*

1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
14	61	7	101	51	102	110	44	58	71	54

TABLE XLIX.—*Erysipelas—Cases of Sickness and Deaths, 10 years, 1894–1903, also 1904.*

	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
Reported Cases of Sickness ...	360	335	403	330	298	376	389	286	391	401	385
Deaths...	12	16	21	14	20	22	29	13	25	17	17

TABLE L.—*Puerperal Fever.—Cases of Sickness, Deaths, and Number of Births to each Death.*

	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
Notified Cases ...	45	32	38	37	44	23	41	35	37	38	32
Deaths...	26	14	20	21	28	18	22	17	22	19	15
No. of Births to every Death from Puerperal Fever.	433	858	593	578	431	692	571	751	634	744	923

TABLE LI.—*Tubercular Diseases—Mortality during ten years, 1895-1904.*

Disease.	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
Tuberculous Phthisis and Phthisis	473	453	522	447	502	539	580	491	573	536
Tuberculous Meningitis ...	115	89	68	94	108	92	132	111	140	126
Tabes Mesenterica	134	60	94	65	91	76	68	43	39	29
Other forms of Tuberculosis	66	62	36	49	74	55	69	105	132	105
Total deaths	788	664	720	655	775	762	849	750	884	796
Mortality rate ...	2·27	1·88	2·01	1·80	2·09	2·03	2·19	1·79	2·07	1·84

TABLE LII.—*Tubercular Diseases—Mortality in the two Sexes, 1899-1904.*

Disease.	1899		1900		1901		1902		1903		1904	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Tuberculous Phthisis and Phthisis ...	341	161	377	162	402	178	333	158	413	160	379	157
Tuberculous Meningitis	60	48	57	35	69	63	62	49	81	59	69	57
Tuberculous Peritonitis	*	*	*	*	*	*	20	12	24	24	22	25
Tabes Mesenterica ...	56	35	44	32	33	35	23	20	18	21	17	12

*Classified as other forms of Tuberculosis in these years.

TABLE LIII.—*Cases of Infectious Disease notified during the year 1904.*

NOTIFIABLE DISEASE.	CASES NOTIFIED IN THE WHOLE CITY.							TOTAL CASES NOTIFIED IN EACH REGISTRATION SUB-DISTRICT.										NUMBER OF CASES REMOVED TO HOSPITAL FROM EACH REGISTRATION SUB-DISTRICT.									
		At Ages—Years.																									
	At all Ages.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards	North.	South.	Park.	Brightside.	Attercliffe.	Nether Hallam.	Upper Hallam.	Ecclesall.	Norton.	Hillsboro'.	North.	South.	Park.	Brightside.	Attercliffe.	Nether Hallam.	Upper Hallam.	Ecclesall.	Norton.	Hillsboro'.
Small Pox	44	...	2	5	10	27	...	3	11	2	2	13	4	...	9	...	...	3	11	2	2	13	3	...	9	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Membranous Croup ...	400	5	107	160	64	64	...	34	28	30	82	63	45	7	88	9	14	26	17	14	50	30	29	3	42	2	7
Erysipelas	385	16	14	20	30	266	39	38	27	16	89	36	69	3	77	11	19	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	2,906	40	855	1,718	189	104	...	266	187	182	578	231	587	37	536	105	197	225	154	155	436	194	476	32	385	46	132
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	348	...	22	106	81	138	1	45	13	10	90	64	57	5	41	8	15	40	9	4	66	48	40	4	24	4	11
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever... ...	3	...	...	1	1	1	...	1	...	...	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Puerperal Fever	32	...	...	...	12	20	...	3	1	5	2	5	5	...	7	3	1	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	4,118	61	1,000	2,010	387	620	40	390	267	245	844	412	768	52	758	136	246	295	191	175	554	285	548	39	460	52	150

TABLE LIV.—*Vital Statistics of Registration Sub-Districts in 1904 and previous Ten Years.*

Names of Localities.	1. NORTH.				2. SOUTH.				3. PARK.				† 4. BRIGHTSIDE.				† 5. ATTERCLIFFE.			
YEAR.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	*Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	*Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
	a	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*
1894 ...	36,916	1,412	904	257	29,251	1,122	589	160	25,272	808	552	177	70,727	2,359	1,166	376	38,919	1,357	689	236
1895 ..	36,873	1,399	1,057	325	29,260	1,130	694	201	25,372	868	551	202	71,842	2,583	1,357	466	40,062	1,529	798	295
1896 ...	36,732	1,380	1,018	298	29,336	1,123	667	206	25,307	932	580	173	72,504	2,455	1,276	424	41,261	1,490	791	267
1897 ...	36,462	1,412	1,071	325	29,214	1,080	713	187	25,569	849	572	181	73,805	2,538	1,518	541	42,250	1,565	859	313
1898 ...	36,459	1,402	1,032	320	29,226	1,088	691	204	25,567	849	604	191	74,862	2,497	1,360	483	43,395	1,678	956	380
1899 ...	36,150	1,433	1,241	363	29,186	1,046	749	203	25,620	807	608	190	76,045	2,541	1,489	479	44,950	1,735	1,033	386
1900 ...	38,745	1,412	1,137	331	26,726	1,023	721	184	25,292	813	618	185	72,666	2,379	1,607	498	50,190	2,000	1,076	401
1901 ...	38,801	1,331	1,068	333	26,463	940	627	162	25,324	808	621	203	77,977	2,444	1,460	492	52,828	2,059	1,086	458
1902 ...	38,859	1,375	959	276	26,162	970	567	143	25,323	761	485	126	78,653	2,609	1,219	374	54,730	2,075	924	373
1903 ...	39,079	1,376	983	303	25,979	963	562	163	26,042	868	600	190	80,363	2,691	1,439	497	56,339	2,193	1,084	443
Averages of Years 1894 to 1903	37,508	1,393	1,047	313	28,080	1,048	658	181	25,469	836	579	182	74,944	2,510	1,389	463	46,492	1,768	930	355
1904 ...	39,084	1,286	898	285	25,938	1,038	529	136	26,423	874	513	155	81,532	2,702	1,360	441	57,020	2,089	999	356

N.B.—The figures throughout this table have been re-distributed over the revised Sub-Districts excepting in columns marked thus *

* The figures given in these columns represent the old areas (those for South include births in old Sub-District of West).

† Extended October 31st, 1901.

TABLE LIV.—*Continued.*

NAMES OF LOCALITIES.	6. NETHER HALLAM.				7. UPPER HALLAM.				8. ECCLESALL.				*9 NORTON.				*10. HILLSBORO.'			
YEAR.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births regis. tered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
	a	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*	*a*	*b*	*c*	*d*
1894 ...	48,916	1,601	770	222	2,756	65	47	7	85,559	2,543	1,311	337	5,949	No Record.	64	19	8,571	No Record.	96	23
1895 ...	49,664	1,733	918	344	2,761	73	40	9	86,934	2,697	1,593	501	6,501		93	30	8,983		105	31
1896 ...	50,532	1,708	876	241	2,794	84	27	6	88,812	2,681	1,467	421	7,104		94	28	9,414		148	41
1897 ...	51,611	1,883	1,028	369	2,839	78	48	6	90,098	2,727	1,655	462	7,763		117	39	9,866		165	51
1898 ...	52,447	1,776	1,058	330	2,860	59	33	4	91,662	2,717	1,479	435	8,483		114	32	10,340		150	48
1899 ...	53,137	2,064	1,145	349	2,860	70	41	4	93,221	2,763	1,669	448	9,270		153	45	10,836		182	54
1900 ...	62,870	2,124	1,241	439	3,746	80	59	9	95,925	2,741	1,833	464	10,131		140	43	11,356		228	76
1901 ...	65,126	2,179	1,210	426	3,682	109	64	17	97,673	2,803	1,694	465	11,036		127	47	11,902		216	70
1902 ...	67,187	2,231	1,065	311	3,787	125	39	7	99,291	2,915	1,443	363	12,071	415	172	51	12,702	462	191	57
1903 ...	68,749	2,305	1,252	409	4,257	99	56	12	101,532	2,760	1,609	420	11,728	411	185	63	12,618	470	206	61
Averages of Years 1894 to 1903	57,024	1,960	1,056	344	3,234	84	45	8	93,071	2,735	1,575	432	9,004	...	126	40	10,659	...	169	51
1904 ...	69,185	2,155	1,126	336	4,286	112	49	9	103,361	2,689	1,435	357	12,747	450	179	46	13,364	455	196	68

*Districts added to the City, October 31st, 1901.

TABLE LV.—*Meteorology at Sheffield during 1904.*

Week Ending	Mean Barometer Corrected.	Mean Daily Sunshine, Weston Park	Mean Daily Sunshine, Atterclife.	Mean Daily Sunshine, High Hazels.	MEAN DAILY TEMPERATURE.									Total Rainfall for the Week.
					Dry Bulb	Wet Bulb	Humidity	Dew Point	Grass Minimum	Soil 1 Foot	Soil 4 Feet	Air Maximum (Shade)	Air Minimum (Shade)	
		H. M.	H. M.	H. M.										
Jan. 2 ...	30·124	0 27	0 41	0 56	32·0	30·9	86 %	28·3	26·6	37·2	43·1	34·9	29·7	0·114
9 ...	29·887	0 9	—	0 5	38·1	37·5	90 %	36·6	28·3	36·8	42·1	42·3	34·3	0·894
16 ...	29·442	1 27	0 49	1 9	40·2	38·3	85 %	35·9	30·0	37·8	41·6	44·2	35·4	1·150
23 ...	30·487	1 40	0 28	1 7	41·1	39·5	87 %	37·3	31·1	38·3	41·2	45·8	36·7	0·140
30 ...	29·844	1 7	0 53	1 12	39·2	38·2	91 %	36·7	30·5	38·3	41·1	45·1	35·6	0·592
Feb. 6 ...	29·367	0 17	0 15	0 20	36·4	36·0	97 %	35·5	32·1	38·2	41·1	40·2	33·5	2·013
13 ...	29·167	1 40	0 46	1 13	37·7	36·5	90 %	34·9	32·9	37·4	40·9	43·3	35·4	1·584
20 ...	29·405	2 45	1 20	2 4	37·4	36·0	87 %	33·8	28·7	36·8	40·7	42·2	33·0	1·427
27 ...	30·078	0 25	0 9	0 15	37·3	35·6	84 %	32·9	32·5	38·1	40·4	40·6	34·2	0·410
March 5 ...	30·154	1 4	1 1	1 18	32·6	31·3	83 %	28·1	28·3	35·3	40·2	35·4	29·6	0·299
12 ...	30·042	2 10	1 54	2 7	38·3	36·7	87 %	34·6	29·9	36·1	39·8	44·1	33·5	0·573
19 ...	29·941	2 54	1 51	2 45	39·9	37·9	84 %	35·3	33·7	37·5	39·7	46·8	34·1	0·548
26 ...	30·176	1 9	1 12	1 29	41·1	39·3	86 %	37·1	35·8	40·5	40·2	47·4	37·9	0·131
April 2 ...	29·789	4 32	3 9	4 2	41·2	38·6	81 %	35·5	31·7	40·3	40·8	49·0	35·1	1·038
9 ...	29·805	6 45	6 7	6 19	45·6	42·4	77 %	38·6	37·8	42·8	41·3	52·3	40·1	0·670
16 ...	29·686	4 43	3 53	3 53	47·8	45·4	84 %	42·8	35·6	44·1	42·3	53·7	40·6	0·880
23 ...	30·063	4 13	3 53	4 42	47·8	45·2	82 %	42·3	35·9	45·7	43·3	56·0	41·6	0·190
30 ...	30·026	5 27	3 57	4 22	50·4	46·4	74 %	42·3	40·1	47·2	44·2	54·7	44·0	0·153
May 7 ...	29·828	6 38	5 47	6 39	48·3	43·5	69 %	38·4	36·9	48·8	45·3	55·2	41·9	0·473
14 ...	29·908	3 17	2 45	3 5	49·2	46·1	80 %	43·0	38·1	47·6	46·0	55·8	42·9	0·240
21 ...	30·012	8 4	7 26	8 3	50·9	46·9	74 %	42·8	38·1	51·1	46·6	59·0	42·8	0·078
28 ...	29·934	1 8	0 44	0 56	54·0	52·0	87 %	50·1	47·0	51·7	47·6	61·8	48·5	0·855
June 4 ...	30·133	4 39	4 9	4 38	55·6	51·8	79 %	48·4	42·7	52·4	48·6	61·2	47·0	0·825
11 ...	30·150	4 57	5 0	5 36	51·9	48·9	80 %	45·8	45·1	53·4	49·3	59·8	46·0	0·250
18 ...	29·946	6 18	5 7	5 39	57·7	52·7	71 %	48·2	47·2	55·5	50·1	64·2	51·1	0·105
25 ...	30·038	4 33	3 16	3 26	57·0	52·0	71 %	47·3	44·8	55·9	51·1	61·7	50·0	0·234
July 2 ...	29·980	9 17	7 52	9 27	59·4	54·1	70 %	49·3	41·4	56·4	51·9	67·5	47·9	0·204
9 ...	30·076	8 35	7 11	8 25	62·1	56·4	69 %	51·7	46·9	58·8	52·6	68·7	52·2	0·038
16 ...	30·082	9 36	9 1	9 31	65·9	61·7	76 %	57·7	53·0	62·7	54·1	74·8	55·5	0·080
23 ...	30·117	6 9	5 29	6 52	63·2	58·2	72 %	53·9	45·9	62·5	55·5	71·6	53·8	0·040
30 ...	29·897	1 21	1 2	1 24	60·1	58·3	90 %	56·8	54·9	61·0	56·2	67·4	56·3	1·715
Aug. 6 ...	30·031	9 1	8 19	9 6	65·1	59·9	72 %	55·6	50·5	62·6	56·5	74·4	56·3	0·439
13 ..	30·037	6 41	5 12	5 37	58·7	54·2	74 %	50·2	45·5	60·2	57·1	65·5	51·3	0·256
20 ...	29·840	5 20	3 54	4 57	56·7	53·2	79 %	50·0	47·1	57·7	56·8	62·8	50·9	1·650
27 ...	30·026	3 29	2 47	3 9	55·0	51·7	80 %	48·7	44·7	55·7	55·9	59·9	48·2	1·445
Sept. 3 ...	29·994	6 49	5 37	6 50	62·0	58·3	79 %	55·2	49·8	58·9	55·5	70·2	53·6	0·308
10 ...	30·014	6 12	5 20	6 1	57·6	53·8	77 %	50·4	45·1	57·7	56·0	63·6	50·2	0·062
17 ...	30·034	4 16	4 10	4 50	54·3	51·7	84 %	49·2	42·9	55·7	55·6	63·2	48·3	0·153
24 ...	30·286	4 31	4 44	5 31	52·4	50·5	88 %	48·6	38·3	53·7	54·9	60·8	44·3	0·311
Oct. 1 ..	29·997	3 3	2 38	4 14	51·7	50·2	90 %	48·7	40·1	52·5	54·1	60·2	45·5	0·280
8 ...	29·942	2 45	2 51	3 19	48·7	46·0	82 %	43·1	38·0	50·4	53·3	55·7	43·6	0·106
15 ...	30·283	3 6	2 28	4 0	45·3	44·0	91 %	42·6	34·3	48·7	52·3	55·6	40·5	0·205
22 ...	30·021	2 23	1 31	1 45	55·0	53·4	90 %	51·8	44·3	50·0	51·2	60·1	49·6	0·280
29 ...	30·154	2 55	1 39	2 59	48·8	46·5	84 %	44·0	34·9	48·3	51·0	55·1	43·2	0·020
Nov. 5 ...	30·275	0 20	0 7	0 11	48·5	46·4	85 %	44·1	44·0	48·0	50·2	50·8	45·5	0·161
12 ...	29·838	0 53	0 29	1 42	45·5	43·7	87 %	41·6	37·4	46·7	49·8	51·6	41·1	1·499
19 ...	30·424	3 21	2 8	3 7	44·8	43·1	88 %	41·2	33·5	44·6	48·9	52·7	40·3	0·058
26 ...	29·745	1 57	0 11	1 26	35·0	33·4	85 %	31·0	26·8	41·2	47·8	38·6	30·5	0·566
Dec. 3 ...	29·872	0 22	0 34	0 57	41·3	39·8	89 %	37·9	33·1	39·9	46·2	45·4	38·5	0·010
10 ...	29·483	1 13	0 55	1 8	39·3	37·7	86 %	35·3	30·7	40·7	45·3	44·1	35·2	0·663
17 ...	29·561	1 25	0 39	1 39	41·1	39·4	86 %	37·2	30·7	38·4	44·4	45·9	37·0	0·913
24 ..	30·425	1 7	0 35	1 35	32·8	32·0	92 %	30·7	25·2	37·9	43·7	39·9	29·8	—
31 ...	30·140	1 4	0 39	1 3	38·4	36·5	86 %	34·1	30·4	36·4	42·5	43·5	34·9	0·248

N.B.—This Table is compiled from Weekly Returns received from Mr. E. HOWARTH, Curator of Weston Park Museum, the data in which is obtained by instruments compared annually with the Standard Instruments at the Meteorological Office.

TABLE LVI.—*Causes of Death at Different Periods of Life in the two Sexes, for the year* 1904.

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
GENERAL DISEASES.																																									
Vaccinated	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Small-pox Not Vaccinated ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
Doubtful	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cow-pox and other effects of Vaccination	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox	2	2	...	2	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
Measles (Morbilli)...	32	14	18	6	3	3	5	4	6	1	3	...	1	14	18	32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
German Measles	1	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	88	44	44	2	...	6	2	6	10	6	9	6	3	26	24	50	13	14	2	3	...	...	1	1	1	1	1	1	...	...	...	...	...	...	...	...	...	...	18	20	38
Typhus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Influenza	54	28	26	2	1	...	...	1	...	...	...	...	...	3	1	4	..	...	...	...	2	1	3	1	3	1	2	2	1	4	4	3	8	11	2	2	...	.	25	25	50
Whooping Cough...	151	62	89	35	43	16	17	7	13	3	9	...	6	61	88	149	1	1	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2
Mumps	2	...	2	...	1	...		...	...	...	1	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
Diphtheria...	50	25	25	1	1	6	4	7	4	4	2	1	5	19	16	35	3	8	3	...	...	...	...	...	...	...	...	...	...	...	..	1	...	...	...	...	...	...	6	9	15
Cerebro-Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pyrexia (origin uncertain) ...	..	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	54	27	27	...	...	...	...	1	1	...	...	1	1	2	2	4	3	2	1	3	1	4	5	4	7	4	5	5	2	2	1	1	...	...	...	...	...	...	25	25	50
Asiatic Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
Food Ptomaine-poisoning ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	..	...	...	...	...	...
Epidemic Diarrhœa, Infective Enteritis	476	244	232	188	175	48	44	2	2	3	2	...	...	241	223	464	1	...	1	1	...	...	...	1	...	...	..	1	...	3	1	2	...	1	..	...	...	...	3	9	12
Diarrhœa (not otherwise defined)..	151	76	75	58	51	10	7	1	2	1	1	1	...	71	61	132	1	...	...	...	...	...	...	...	...	1	...	...	...	...	2	1	...	6	2	6	...	...	5	14	19
Dysentery	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1
Tetanus	3	2	1	...	1	1	...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Malaria	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Rabies—Hydrophobia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
Glanders	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anthrax, Splenic Fever	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Syphilis	38	18	20	16	19	...	...	.	...	...	...	...	...	16	19	35	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	2	1	3
Gonorrhœa	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	...	2

TABLE LVI.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
General Diseases—*Continued.*																																									
Puerperal Septicæmia, Puerperal Septic Intoxication	10	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	6	...	2	...	...	...	...	...	...	...	...	...	...	...	10	10
Puerperal Pyæmia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phlegmasia Alba Dolens	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever (not otherwise defined)	5	...	5	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	5	5
Infective Endocarditis	1	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia Lobar	60	42	18	1	3	3	...	1	1	...	...	...	...	5	4	9	1	...	...	...	2	1	6	2	3	3	7	...	6	4	6	1	5	...	1	3	...	...	37	14	51
Broncho-	284	164	120	71	45	43	32	17	11	10	5	2	6	143	99	242	2	3	...	...	...	1	...	...	1	3	4	...	2	1	8	3	3	9	1	1	...	...	21	21	42
Epidemic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Not defined... ...	245	150	95	16	15	10	12	5	2	7	1	3	3	41	33	74	8	5	3	1	3	4	4	3	16	8	17	4	20	10	15	10	14	12	9	5	...	...	109	62	171
Erysipelas...	17	7	10	2	3	...	...	...	...	...	...	...	...	2	3	5	...	...	...	...	...	...	...	1	...	1	1	...	...	1	...	1	4	1	...	2	...	...	5	7	12
Septicæmia, Septic intoxication (not Puerperal)...	25	16	9	5	1	...	...	...	...	1	1	1	...	7	2	9	...	...	...	...	...	...	...	...	...	2	1	3	2	...	3	1	3	1	...	...	...	...	9	7	16
Pyæmia (not Puerperal)	7	5	2	1	...	...	...	...	...	1	...	...	...	2	...	2	...	1	...	...	..	...	...	...	1	...	...	...	1	...	1	1	...	...	...	...	...	...	3	2	5
Phlegmon Carbuncle (not Anthrax)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phagedæna	1	...	1	...	1	...	...	...	...	...	...	...	...	..	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Infective Processes ...	5	2	3	...	...	...	1	...	...	...	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	2	2	4
Pulmonary Tuberculosis (Tuberculous Phthisis)	520	369	151	1	1	2	1	3	1	1	1	...	1	7	5	12	...	1	4	8	15	12	29	21	74	44	99	30	82	17	50	11	9	2	...	...	...	...	362	146	508
Phthisis (not otherwise defined) ...	16	10	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	2	2	1	5	...	1	2	...	...	...	...	...	...	10	6	16
Tuberculous Meningitis	126	69	57	23	17	13	12	8	4	6	2	3	2	53	37	90	9	11	2	4	...	1	1	...	3	2	...	1	1	1	...	...	...	...	...	...	...	...	16	20	36
Tuberculous Peritonitis	47	22	25	10	10	8	3	...	2	2	2	..	...	20	17	37	...	2	1	3	1	...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	2	8	10
Tabes Mesenterica	29	17	12	9	9	4	...	...	...	1	1	1	1	15	11	26	...	...	1	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2	1	3
Lupus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tubercle of other Organs... ...	17	13	4	4	1	2	1	1	...	...	...	..	...	7	2	9	2	1	...	...	...	...	...	...	1	...	1	...	...	...	1	...	1	1	..	...	...	...	6	2	8
General Tuberculosis	41	22	19	12	4	2	2	...	1	...	3	1	1	15	11	26	2	2	...	2	1	...	...	...	...	2	1	1	2	...	1	...	...	...	...	...	...	1	7	8	15
Scrofula	1	...	1	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parasitic Diseases	8	5	3	5	3	...	...	...	...	...	...	...	...	5	3	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Starvation	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scurvy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE LVI.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
General Diseases.—*Continued.*																																									
Alcoholism, Delirium Tremens ...	12	2	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	3	...	4	2	2	...	...	...	...	...	...	...	...	2	10	12
Opium, Morphia Habit	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Industrial Poisoning: By Lead	4	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	2	...	...	...	...	...	...	...	...	...	3	1	4
Industrial Poisoning: By Phosphurus ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Industrial Poisoning: By Arsenic and other Metals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rheumatic Fever, Acute Rheumatism	17	7	10	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	2	3	...	3	...	2	1	1	1	1	...	...	...	...	...	...	7	10	17
Rheumatism of Heart	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1	2
Chronic Rheumatism	13	8	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	2	...	4	1	2	...	...	1	...	1	...	...	8	5	13
Rheumatic Arthritis, Rheumatic Gout	5	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2	...	1	...	...	2	3	5
Gout	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1
Carcinoma...	182	88	94	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	2	...	2	2	5	20	26	22	28	28	20	17	3	5	1	...	87	94	181
Sarcoma	14	10	4	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	1	...	...	1	...	...	1	1	...	5	1	2	...	1	...	...	...	10	3	13
Cancer, Malignant Disease, not otherwise defined	121	39	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	11	9	17	22	31	7	19	1	1	...	1	39	82	121
Rickets	33	16	17	9	6	4	9	2	2	...	...	...	...	15	17	32	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Purpura	3	2	1	...	...	...	...	...	1	1	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1
Hæmophilia, Hæmorrhagic Diathesis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anæmia, Leucocythæmia... ...	30	15	15	1	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	1	...	2	...	2	1	2	4	2	6	3	2	3	...	...	...	...	14	15	29
Diabetes Mellitus	31	17	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	3	1	1	2	1	1	2	2	4	2	6	4	...	...	...	...	17	14	31
Premature Birth	287	150	137	150	136	...	1	...	...	...	...	...	...	150	137	287	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Congenital Defects	74	44	30	39	30	2	...	1	...	...	...	...	...	42	30	72	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Injury at Birth	7	4	3	4	3	...	...	...	...	...	...	...	...	4	3	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atelectasis...	22	13	9	13	9	...	...	...	...	...	...	...	...	13	9	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Want of Breast Milk	5	4	1	4	1	...	...	...	...	...	...	...	...	4	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Teething	34	18	16	7	9	10	7	1	...	...	...	...	...	18	16	34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE LVI.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
DISEASES OF THE NERVOUS SYSTEM.																																									
Meningitis, Inflammation of Brain	107	60	47	28	19	9	10	5	2	3	2	...	2	45	35	80	5	2	4	2	...	...	...	...	3	5	3	1	...	1	...	...	...	...	...	1	...	...	15	12	27
Softening of Brain	32	9	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	. .	...	...	...	...	...	...	...	...	1	3	1	3	4	9	3	8	...	...	9	23	32
General Paralysis of Insane ...	27	20	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	8	1	5	2	2	3	2	...	1	...	...	...	...	...	20	7	27
Insanity (not Puerperal)	4	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	1	...	...	...	1	...	...	1	3	4
Chorea	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	..	1	1
Epilepsy	23	10	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...	2	1	2	...	...	5	4	1	4	1	...	...	...	10	13	23
Convulsions	226	113	113	99	96	8	9	...	6	2	...	1	1	110	112	222	2	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	3	1	4
Laryngismus Stridulus	10	7	3	5	2	1	1	...	...	...	...	1	...	7	3	10	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Locomotor Ataxy	6	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	1	...	1	...	4	...	...	...	...	...	6	...	6
Paraplegia, Diseases of Cord ...	18	11	7	...	...	...	...	...	...	1	...	1	...	2	...	2	...	...	...	...	...	...	...	...	1	1	2	2	2	...	1	2	2	2	1	...	..	..	9	7	16
Neuritis, Periph. Poly. Neuritis ...	11	7	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	2	1	...	1	1	...	1	...	...	...	...	7	4	11
Brain Tumour (not specific) ...	13	7	6	...	1	...	...	...	...	...	...	...	...	...	1	1	2	...	1	1	...	1	...	...	1	1	1	1	2	...	...	1	...	...	...	...	...	...	7	5	12
Other Diseases of Nervous System	24	7	17	...	...	...	...	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	1	4	3	3	3	2	...	6	...	...	7	16	23
Total for Diseases of Nervous System	502	258	244	132	118	18	20	5	9	6	2	3	3	164	152	316	9	3	6	3	2	2	2	1	13	11	17	11	11	11	14	15	15	18	5	17	...	...	94	92	186
DISEASES OF ORGANS OF SPECIAL SENSE.																																									
Otitis, Mastoid Disease	18	9	9	2	2	3	1	...	...	...	1	1	...	6	4	10	2	1	1	1	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	3	5	8
Epistaxis, Diseases of Nose ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia, Diseases of Eye ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total for Diseases of Organs of Special Sense	18	9	9	2	2	3	1	...	...	...	1	1	...	6	4	10	2	1	1	1	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	3	5	8

TABLE LVI.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
DISEASES OF THE HEART.																																									
Valvular Disease, Endocarditis (not Infective)	219	96	123	...	...	...	...	...	...	..	...	...	...	...	...	...	1	5	1	7	3	5	4	6	6	12	15	18	19	19	27	24	15	19	5	7	...	1	96	123	219
Pericarditis	4	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	..	...	...	1	1	...	...	...	...	...	...	3	1	4
Hypertrophy of Heart	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	..	...	...	...	...	...	...	...	...	...	1	...	1
Angina Pectoris	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	3	...	3
Dilitation of Heart	29	21	8	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	3	1	...	1	5	2	5	3	5	1	1	...	21	8	29
Fatty Degeneration of Heart ...	29	11	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	3	5	2	3	5	1	5	2	2	...	...	11	18	29
Syncope, Heart Dis. (not specified)	283	134	149	3	2	...	...	...	...	...	...	...	...	3	2	5	1	2	2	3	3	2	1	1	5	6	14	21	27	18	31	36	28	31	16	18	3	9	131	147	278
Total for Diseases of the Heart ...	568	269	299	3	2	...	...	...	..	...	...	...	...	3	2	5	2	7	4	10	6	7	6	7	14	19	34	43	52	40	67	68	49	58	28	28	4	10	266	297	563
DISEASES OF BLOOD VESSELS.																																									
Cerebral Hæmorrhage, Cerebral Embolism	231	99	132	...	..	...	...	...	1	...	...	...	...	...	1	1	...	...	..	...	...	1	...	...	2	1	3	7	16	24	24	33	39	47	15	17	...	1	99	131	230
Apoplexy, Hemiplegia	146	66	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2	2	7	12	14	14	18	31	26	4	13	1	...	66	80	146
Aneurysm	7	6	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	4	1	1	...	...	...	...	...	6	1	7
Senile Gangrene	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..	2	...	1	...	1	...	5	...	5
Embolism, Thrombosis (not Cerebral)	7	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	2	1	...	...	...	...	1	...	...	...	...	2	5	7
Phlebitis	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	3	..	3
Varicose Veins	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Blood Vessels...	30	16	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	6	...	7	6	2	7	...	...	16	14	30
Total for Diseases of Blood Vessels..	429	197	232	...	...	...	...	...	1	...	...	...	...	...	1	1	...	1	...	...	...	1	1	...	5	4	7	16	30	39	49	52	81	80	22	37	2	1	197	231	428
DISEASES OF RESPIRATORY ORGANS.																																									
Laryngitis...	13	8	5	1	...	2	1	1	1	...	...	...	...	4	2	6	3	1	...	..	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	4	3	7
Membranous Laryngitis (not Diphtheritic)...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...			

TABLE LVI.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
DISEASES OF RESPIRATORY ORGANS—*Continued.*																																									
Croup (not Spasmodic or Membraneous	8	3	5	1	1	1	1	...	...	...	2	...	1	2	5	7	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Other Diseases of Larynx and Trachea	2	...	2	...	...	...	1	...	1	...	...	...	...	...	2	2	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	637	341	296	102	68	28	23	6	9	2	2	...	2	138	104	242	1	2	...	...	1	...	1	..	2	3	12	7	23	15	51	65	73	55	37	39	2	6	203	192	395
Emphysema, Asthma	35	21	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	6	2	1	2	10	2	3	6	...	1	...	...	21	14	35
Pleurisy	25	12	13	1	...	1	1	1	...	...	1	...	...	3	2	5	...	...	1	..	...	...	1	...	...	1	4	1	1	4	...	3	2	1	...	1	...	...	9	11	20
Fibroid Disease of Lung	17	15	2	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	..	7	1	2	...	...	1	...	...	15	2	17
Other Diseases of Respiratory System	51	34	17	4	2	...	...	1	1	1	...	...	...	6	3	9	2	..	...	...	1	...	...	...	1	1	3	...	3	1	7	1	6	8	3	3	2	...	28	14	42
Total for Diseases of Respiratory System	788	434	354	109	71	32	27	9	12	3	5	...	3	153	118	271	7	3	1	...	2	...	3	...	3	6	25	10	34	23	75	72	87	70	40	46	4	6	281	236	517
DISEASES OF DIGESTIVE SYSTEM.																																									
Tonsillitis, Quinsy	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1
Diseases of Mouth Pharynx, Œsophagus (not specific)	15	7	8	5	6	...	1	...	...	...	...	...	...	5	7	12	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	..	2	1	3
Gastric Ulcer	19	3	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	3	1	2	...	3	1	1	1	2	...	...	...	...	3	16	19
Gastric Catarrh	5	4	1	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	2	...	...	...	...	...	3	1	4
Other Diseases of Stomach (not Malignant)	53	23	30	7	16	...	...	...	..	...	...	...	2	7	18	25	...	1	...	...	...	...	...	...	2	...	1	1	2	3	3	3	5	4	2	..	1	...	16	12	28
Enteritis (not Epidemic)	70	34	36	24	19	2	9	...	1	1		...	1	27	30	57	2	...	...	...	...	...	...	...	...	...	1	...	...	1	2	...	2	3	...	2	...	...	7	6	13
Gastro Enteritis	41	26	15	21	11	3	2	...	...	1	...	...	...	25	13	38	..	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	..	1	...	...	...	...	1	2	3
Appendicitis, Perityphlitis	28	18	10	...	...	...	...	...	...	1	...	...	1	1	1	2	3	...	1	2	4	2	4	1	3	2	...	...	1	2	1	...	..	...	...	...	...	...	17	9	26
Hernia	16	6	10	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1	...	1	1	...	2	1	5	1	1	1	1	...	...	5	10	15
Intestinal Obstruction	18	8	10	1	...	1	...	...	..	...	..	...	...	2	...	2	...	...	1	...	...	...	...	...	1	4	...	1	2	2	...	2	1	1	...	...	1	...	6	10	16
Other Diseases of Intestines	10	6	4	4	1	...	...	...	...	...	...	1	...	5	1	6	...	...	...	...	...	...	...	...	1	1	...	1	...	1	...	...	...	...	...	...	...	...	1	3	4
Peritonitis (not Puerperal)	23	9	14	...	1	...	...	...	...	...	...	1	...	1	1	2	...	3	...	..	...	1	3	2	...	1	1	2	...	2	4	1	...	1	...	...	...	...	8	13	21

TABLE LVI.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
DISEASES OF DIGESTIVE SYSTEM.—*Continued.*																																									
Cirrhosis of Liver...	55	28	27	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	4	7	9	8	9	6	3	2	2	1	...	...	28	27	55
Other Diseases of Liver and Gall Bladder	40	21	19	6	2	...	...	...	...	...	...	...	...	6	2	8	...	...	...	1	...	...	...	...	3	1	1	2	1	1	5	4	5	8	..	...	...	...	15	17	32
Other Diseases of Digestive System	18	10	8	7	3	...	...	...	1	1	...	...	1	8	5	13	...	1	...	...	...	...	1	...	...	1	1	..	...	...	...	...	...	1	...	...	..	...	2	3	5
Total for Diseases of Digestive System	412	204	208	76	59	6	12	...	2	5	...	2	5	89	78	167	5	6	2	4	4	3	8	8	12	17	11	17	16	25	29	22	21	24	5	4	2	...	115	130	245
LYMPH, &C., DISEASES.																																									
Diseases of Spleen	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
Other Diseases of Lymphatic System	3	1	2	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	2	2
Diseases of Thyroid Body ...	4	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	...	...	...	...	...	...	...	...	...	...	2	2	4
Diseases of Supra Renal Capsules.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total for Lymph, &c., Diseases...	7	3	4	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	1	2	1	2	...	...	...	...	...	...	...	...	...	...	2	4	6
DISEASES OF URINARY SYSTEM.																																									
Acute Nephritis, Uræmia ...	29	14	15	1	1	3	...	...	1	..	1	...	...	4	3	7	...	1	...	...	2	2	...	...	1	1	...	...	2	2	2	4	1	1	2	1	...	..	10	12	22
Chronic Bright's Disease, Albuminuria	128	64	64	...	...	...	1	...	...	...	...	1	...	1	1	2	...	1	...	2	1	1	2	4	6	3	9	9	17	15	15	12	8	12	5	4	...	...	63	63	126
Calculus (not Biliary)	6	4	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	2	...	...	...	...	1	...	1	...	...	...	...	4	2	6
Diseases of Bladder and of Prostate	37	28	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	4	2	14	3	6	3	2	...	28	9	37
Other Diseases of Urinary System	6	5	1	1	...	1	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	...	...	1	...	...	...	3	1	4
Total for Diseases of Urinary System	206	115	91	2	1	4	1	...	1	...	1	1	...	7	4	11	1	2	...	2	3	3	2	4	8	5	12	10	20	17	23	19	23	17	14	8	2	...	108	87	195

TABLE LVI.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
DISEASES OF GENERATIVE SYSTEM.																																									
Ovarian Tumour (not Malignant)...	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	1	...	...	...	...	...	...	...	...	...	4	4
Other Diseases of Ovary	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	..	...	1	...	...	...	...	...	...	...	...	...	2	2
Uterine Tumour (not Malignant)...	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	...	...	...	...	...	...	...	4	4
Other Diseases of Uterus and Vagina	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	3	3
Disorders of Menstruation ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Generative and Mam. Organs	7	4	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	4	...	...	...	...	...	...	...	4	3	7
Total for Diseases of Generative System	20	4	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	8	...	3	4	2	...	...	...	...	...	...	4	16	20
ACCIDENTS CHILDBIRTH.																																									
Abortion, Miscarriage	7	...	7	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	3	...	...	...	...	...	...	...	...	...	...	...	7	7
Puerperal Mania	1	...	1	...	...	...	...	...	...	...	. .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Puerperal Convulsions	6	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	6	6
Placenta Prævia, Flooding ...	14	...	14	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	...	10	...	...	...	...	...	...	...	...	...	...	...	14	14
Other Accidents of Pregnancy and Childbirth	17	...	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	4	...	5	...	7	...	...	...	...	...	...	...	...	...	...	...	17	17
Total for Accidents Childbirth ...	45	...	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	6	...	16	...	20	...	...	...	...	...	...	...	...	...	...	...	45	45
JOINT DISEASES.																																									
Caries, Necrosis	18	9	9	...	1	...	...	1	...	...	...	1	1	2	2	4	...	1	1	1	1	1	1	1	...	...	...	1	2	...	1	1	1	1	...	...	...	...	7	7	14
Arthritis, Periostitis	3	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	2	3
Other Diseases of Locomotor System	5	3	2	1	...	...	...	...	...	...	...	...	...	1	...	1	...	..	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	2	2	4
Total for Joint Diseases ...	26	13	13	1	1	...	...	1	...	...	...	1	1	3	2	5	...	1	3	1	1	1	1	2	..	...	...	2	2	...	1	2	1	2	1	...	...	...	10	11	21

TABLE LVI.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
SKIN DISEASES.																																									
Ulcer, Bedsore	3	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	1	...	...	1	2	3
Eczema	5	3	2	3	2	...	...	...	...	...	...	...	...	3	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pemphigus	3	1	2	1	1	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1
Other Diseases of the Skin ...	2	1	1	...	...	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1
Total for Skin Diseases... ...	13	6	7	4	3	...	1	...	...	...	...	...	...	4	4	8	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	1	...	...	1	...	...	2	3	5
CAUSES ILL-DEFINED OR NOT SPECIFIED.																																									
Atrophy, Debility	302	163	139	144	105	6	11	1	1	...	...	...	...	151	117	268	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	6	9	5	10	1	1	12	22	34
Old Age	196	83	113	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	35	31	38	66	8	15	83	113	196
Dropsy, Ascites, Anasarca... ...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
Tumour	4	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	3	1	4
Abscess	4	3	1	2	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	2
Hæmorrhage	2	...	2	...	2	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sudden, cause unascertained ...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Ill-Defined Causes	37	24	13	10	2	...	...	...	...	...	...	...	...	10	2	12	...	...	...	1	...	...	...	...	1	...	4	2	4	2	3	3	1	2	1	1	...	...	14	11	25
Causes not specified	3	3	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	2	...	2
Total for Causes Ill-Defined or Not Specified...	549	279	270	157	110	6	11	1	1	...	...	...	...	164	122	286	...	1	1	1	...	1	...	...	1	...	5	3	5	2	7	5	43	42	44	77	9	16	115	148	263
VIOLENT DEATHS.																																									
In Mines and Quarries	2	2	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	...	2
Vehicles and Horses	18	14	4	1	...	...	1	...	1	1	1	1	...	3	3	6	...	1	2	...	2	...	1	...	2	...	2	...	...	...	2	...	...	...	...	...	...	...	11	1	12

TABLE LVI.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totls.
Violent Deaths.—*Continued.*																																									
Boats and Docks (not Drowning)..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Building operations	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Machinery	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Weapons and Implements ...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Burns and Scalds...	47	23	24	1	...	6	3	2	...	5	3	2	6	16	12	28	1	11	...	...	...	...	...	1	...	...	1	...	...	...	2	...	2	...	1	...	...	...	7	12	19
Poisons, Poisonous Vapours ...	8	6	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1	2	...	1	...	2	...	...	...	...	...	...	...	6	2	8
Drowning	22	18	4	1	...	...	...	1	...	...	...	1	...	3	...	3	3	1	1	...	1	...	2	...	2	...	...	1	3	...	3	1	...	1	...	...	...	...	15	4	19
Suffocation	31	15	16	15	14	...	1	...	...	...	...	...	...	15	15	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1
Falls	47	34	13	1	1	...	...	...	...	...	...	...	...	1	1	2	1	...	...	...	...	...	1	...	7	...	1	2	5	1	9	1	7	4	2	4	...	...	33	12	45
Weather Agencies...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Otherwise or not stated	21	18	3	...	...	...	...	...	1	...	...	...	...	...	1	1	2	...	...	...	...	...	1	...	1	...	3	...	3	1	6	...	2	...	...	1	...	...	18	2	20
Homicide	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Suicide	30	25	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	4	1	11	1	3	...	3	1	2	...	...	...	...	...	25	5	30
Total for Violent Deaths ...	231	160	71	19	15	6	5	3	2	6	4	4	6	38	32	70	7	14	4	...	4	1	6	2	18	2	23	4	17	2	27	3	13	6	3	5	...	...	122	39	161
Grand Totals	7284	3856	3428	1204	985	268	238	87	91	68	56	34	49	1661	1419	3080	83	92	42	49	49	53	87	76	193	183	290	240	366	254	460	368	419	409	182	250	24	35	2195	2009	4204

TABLE LVII.—*Mortality in reference to Trades, 1904.*

Disease.	Ages at Death.	Grinder.	Cutler.	Tool, Fork, and Scissors Forger.	File Cutter, Forger, and Hardener.	Engineer, Turner, Fitter, Mechanic.	Bricklayer and Bricklayers' Labourer.	Butcher.	Baker and Confectioner.	Carter, Drayman, Cab, 'Bus, &c., Driver.	Groom and Horsekeeper.	Engine Tenter, Driver, Fireman.	Blacksmith and Blacksmith's Striker.	Furnaceman.	Steel Melter, Moulder, Puddler.	Hammerman.	Roller.	Farmer.	Gardener.	Hawker, Coster.	Joiner.	Labourer.	Mason, Builder.	Coal Miner.	Hotel Keeper, Publican, &c.	Boot and Shoe Maker.	Tailor.	Painter, Plumber, &c.	Clerk.	Merchant and Manufacturer.	Silversmith, Chaser, Engraver, &c.	Horn and Bone Cutter, Grinder, &c.	Horn Presser.	Printer, Compositor.	General Shopkeeper.
Diseases of the Nervous System.	Under 25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
	25 & ,, 35	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..
	35 & ,, 45	..	1	..	..	..	..	..	..	1	..	..	2	..	..	..	..	..	..	..	1	2	..	1	2	..	..	..	1	..	1	..	..	..	1
	45 & ,, 55	..	..	1	..	2	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..
	55 & ,, 65	..	1	..	1	1	1	..	..	..	..	1	..	..	1	..	..	..	..	..	..	1	..	..	..	1	..	..	1	2	..	..	1	..	1
	65 & upwards	1	..	2	..	1	..	..	..	1	..	..	..	..	2	..	1	..	..	..	1	2	2	..	..	..	1	..	1	..	..	..	..	..	2
	Totals ..	1	2	3	2	4	1	..	..	2	..	1	2	..	3	1	1	..	..	..	3	9	2	1	2	2	1	..	3	2	1	..	1	..	4
Diseases of the Respiratory System (including Pneumonia).	Under 25	1	1	3	..	1	..	1	..	..	..	..	..	..	2	..	..	..	..	..	..	3	1	..	..	..	..	..	4	..	..	..	..	..	..
	25 & ,, 35	..	2	1	..	1	..	1	..	1	..	..	1	..	..	..	..	1	..	1	..	13	1	..	1	..	..	1	1	..	..	..	..	..	..
	35 & ,, 45	2	5	2	..	..	..	2	..	4	..	..	1	2	2	2	2	1	..	..	..	10	2	1	2	..	1	..	4	1	1	..	..	..	1
	45 & ,, 55	6	5	2	..	1	2	..	..	4	..	3	1	1	4	1	..	..	..	2	1	5	3	1	2	..	..	2	..	1	1	..	..	..	6
	55 & ,, 65	3	6	9	..	..	..	..	1	4	1	1	3	3	2	1	3	..	..	4	10	13	3	1	2	..	..	..	4	4	2	2	1	..	5
	65 & upwards	4	11	12	11	7	1	2	..	2	..	..	8	1	4	1	..	4	1	..	2	32	6	4	2	4	3	3	7	5	7	2	1	1	10
	Totals ..	16	30	29	11	10	3	6	1	15	1	4	14	7	14	5	5	6	1	7	13	76	16	7	9	4	4	6	20	11	11	4	2	1	22
Tuberculous Phthisis and " Phthisis."	Under 25	3	..	..	3	5	1	..	1	1	..	1	1	..	1	..	..	..	..	1	2	5	2	..	..	2	..	1	..	..	3	..	..	..	..
	25 & ,, 35	11	2	4	1	3	..	..	..	2	..	..	..	..	..	1	..	..	..	..	3	21	2	..	2	2	1	1	1	..	3	..	..	1	3
	35 & ,, 45	15	5	3	6	1	..	1	..	2	..	1	1	1	1	..	2	..	..	2	5	22	5	2	..	1	..	2	4	..	2	..	..	..	5
	45 & ,, 55	19	7	8	2	2	2	1	..	2	..	..	2	3	..	1	1	..	..	3	5	12	11	1	1	2	..	..	1	..	2	1	..	..	3
	55 & ,, 65	11	5	6	..	1	..	1	..	..	..	1	5	..	..	1	2	..	..	..	1	10	2	..	2	..	1	3	..	..	1	1	..	..	1
	65 & upwards	3	1	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..
	Totals ..	62	20	21	12	12	3	3	1	7	..	3	11	4	3	3	5	..	..	6	16	70	22	3	5	7	2	7	7	..	12	2	1	1	12
Diseases of the Urinary System.	Under 25	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
	25 & ,, 35	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	2	..	..	..	..	..	1	..	..	1	..	..	..	2
	35 & ,, 45	..	..	1	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	4	..	..	1	..	..	..	..	..	1	..	..	..	1
	45 & ,, 55	..	1	1	1	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	1	2	..	..	..	..	..	2	3	..	1	..	..	..	..
	55 & ,, 65	..	1	..		..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	8	1	..	..	..	1	1	2	1	1	..	..	..	..
	65 & upwards	1	2	3	1	..	1	..	..	..	..	1	1	..	4	..	..	1	..	1	1	7	..	..	1	1	..	..	2	1	..	..	1	..	1
	Totals ..	1	4	5	4	1	1	2	..	1	..	2	3	..	6	..	1	1	..	1	2	23	1	..	2	1	1	4	7	2	5	..	1	..	5
Diseases of the Circulatory System.	Under 25	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..
	25 & ,, 35	1	2	1	..	..	..	1	1	1	..	..	..	2	..	1	..	..	..	1	..	7	..	..	..	..	1	..	..	..	..	..	..	..	..
	35 & ,, 45	3	1	4	..	2	..	..	..	1	..	..	1	..	3	..	..	..	..	1	3	7	1	2	1	..	1	..	..	1	1	..	..	..	1
	45 & ,, 55	3	3	2	6	4	1	..	..	3	1	3	2	..	1	2	..	..	..	1	6	17	5	1	2	..	..	2	3	1	3	..	..	..	..
	55 & ,, 65	4	5	3	10	6	..	..	..	2	..	2	3	3	4	2	1	2	2	1	6	14	2	2	2	..	..	2	7	4	3	1	1	..	1
	65 & upwards	5	8	13	6	11	2	1	1	4	1	3	12	..	4	1	2	5	2	2	11	28	1	..	3	2	..	2	13	6	7	2	1	..	6
	Totals ..	16	19	24	22	23	3	2	2	11	2	8	18	5	12	6	4	7	4	7	26	76	9	5	8	2	2	6	23	12	14	3	2	..	8
Diseases of the Digestive System other than Liver.	Under 25	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	..	..	..	1	..	1	..	..	..	..
	25 & " 35	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	..	..	1	..	..	..	..	..	..
	35 & " 45	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	1
	45 & " 55	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	2	..	..	..	..	..
	55 & " 65	2	..	..	..	1	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	3	..	1	1	..	..	..	3	1	1	..	..	..	1
	65 & upwards	2	..	..	..	..	..	..	..	..	..	2	1	..	..	..	1	..	1	2	..	2	..	1	..	..	..	..	1	3	1	..	..	..	2
	Totals ..	4	..	1	1	5	1	1	..	1	..	3	1	..	1	..	1	..	1	3	2	10	..	3	2	..	..	..	6	6	3	..	..	..	4
Diseases of the Liver.	Under 25	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	25 & ,, 35	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..
	35 & ,, 45	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
	45 & ,, 55	2	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	1	..	..	..	..	2	1	..	..	..	..
	55 & ,, 65	..	..	1	..	1	..	..	..	2	..	..	1	..	..	..	..	1	..	..	..	2	..	..	2	..	..	..	..	..	..	..	..	..	..
	65 & upwards	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	1	..	1	..	..	..	..	1	..	..	..	..	..
	Totals ..	2	1	1	..	1	1	1	1	2	..	..	1	1	1	..	..	1	..	1	1	4	1	1	7	..	..	..	..	3	1	..	..	..	..
All other Causes.	Under 25	1	..	2	..	1	..	1	..	..	..	..	..	..	2	..	..	..	..	..	1	4	1	1	..	..	..	1	1	..	1	..	..	..	2
	25 & ,, 35	3		3	1	5	..	2	..	2	..	..	..	..	1	1	..	..	..	..	2	5	1	1	1	..	..	3	3	..	2	..	..	1	..
	35 & ,, 45	2	3	2	..	4		1	..	2	1	1	..	1	1	..	..	..	..	..	1	15	3	1	..	..	1	2	2	..	..	..	1	..	3
	45 & ,, 55	4	1	6	4	2	..	2	..	2	1	4	4	1	2	1	1	..	..	1	3	15	3	4	3	..	1	2	5	..	2	..	..	..	2
	55 & ,, 65	2	8	6	8	7	..	1	1	5	..	1	4	..	3	1	..	2	..	1	1	24	3	2	4	1	..	..	8	1	2	..	..	..	3
	65 & upwards	3	11	10	7	5	1	..	..	6	..	2	7	..	2	2	2	5	1	4	6	25	4	2	1	10	5	1	8	8	5	1	1	1	4
	Totals ..	15	23	29	20	24	1	7	1	17	2	8	15	2	11	5	3	7	1	6	14	88	15	11	9	11	7	9	27	9	12	1	2	2	14
All Causes.	Under 25	5	1	7	4	9	1	3	1	1	..	1	1	..	5	..	1	..	..	2	4	16	4	2	..	3	..	2	6	..	6	..	..	..	3
	25 & ,, 35	15	6	9	3	9	1	6	1	6	..	2	1	3	2	3	..	1	..	3	5	52	4	1	6	2	2	6	6	..	6	..	..	2	5
	35 & ,, 45	22	15	12	7	8	..	5	..	10	1	10	6	4	7	2	4	1	..	3	10	62	11	8	7	1	3	4	11	2	6	..	1	..	13
	45 & ,, 55	34	18	20	13	13	5	3	1	12	2	8	10	5	7	6	3	..	..	7	18	55	22	7	10	2	1	8	12	6	10	1	..	..	11
	55 & ,, 65	22	26	25	20	17	1	2	2	14	1	8	16	6	12	5	6	5	2	6	18	75	11	6	13	2	2	6	25	13	10	4	3	..	12
	65 & upwards	19	33	40	25	24	6	3	1	13	1	..	31	1	18	4	6	15	5	10	22	96	14	7	8	17	9	6	33	24	21	5	5	2	25
	Grand Totals..	117	99	113	72	80	14	22	6	56	5	29	65	19	51	20	20	22	7	31	77	356	66	31	44	27	17	32	93	45	59	10	9	4	69

SANITARY ADMINISTRATION.

EMPLOYMENT OF CHILDREN.

During the year the question of adopting Bye-laws under the Employment of Children Act, 1903, has been under the consideration of the Health, Watch and Education Committees.

NEW BUILDINGS.

Bye-laws for New Buildings have been under the consideration of the Highway and Sewerage Committee for some time past, and it was decided in February last that such portion of the Bye-laws as affected the Health Committee should be referred to them.

DISINFECTING STATION.

In January, 1904, it was decided by the City Council that the Disinfecting Station at Plum Street should be enlarged. Plans and estimates for the necessary extensions were approved—the lowest tender being £1,188 0s. 0d. This tender was accepted, and the work was completed shortly after the close of 1904.

COMPENSATION RE TUBERCULOUS MILK.

On April 21st a deputation from the Sheffield and District Cowkeepers' Association interviewed the Health Committee, and urged that compensation should be paid in cases where, under the provisions of the Sheffield Corporation Act, 1900, the milk of cows affected with tuberculous udders was prohibited from being sold. After fully considering the subject the Committee decided that it was not advisable to take any steps in the matter until the report of the Royal Commission, which is at present sitting, is issued.

COMPENSATION *RE* TUBERCULOUS CARCASES.

A Bill proposing to pay compensation for condemned carcases of tuberculous animals which before slaughter appeared to be healthy, was considered by the Health Committee during the year. The Committee thought that compensation, unless it formed part of a national scheme for the eradication of the disease, was objectionable, and would probably tend to increase the prevalence of tuberculosis in cattle. Resolutions were therefore adopted asking the City members to oppose the Bill. Delegates were appointed to attend a conference promoted by the London County Council with regard to the matter. The conference was held on June 17th, and was almost unanimous in its opposition to the Bill.

DIRTY FLOCKS.

On September 8th the Health Committee had under consideration the use of dirty flocks for stuffing mattresses, beds, and furniture. It was resolved to call the attention of the Local Government Board and the Home Office to this matter with a view to legislation being promoted for the prohibition of the practice.

HOUSING OF THE WORKING CLASSES ACTS.

Closing Orders were made in February of 1904 with respect to three houses—two in Machon Bank and one in North Church Street. Notices with respect to three others were served in the same month, two of which were demolished, and the other was rendered fit for habitation without any further proceedings being taken.

The condition of the district abutting on the Crofts Area, and through which Scotland Street runs, was considered by the Health Committee in July of last year, and recommendations for its improvement were formally adopted by the City Council in August. These recommendations when carried out will have the effect of making this district the best drained, best paved, and best scavenged part of the City; and will, it is hoped, render it unnecessary to deal with this district as an unhealthy area under Part 1 of the Housing of the Working Classes Act, 1890. The probable cost of acquiring the various properties alone under Part 1, assuming that the large works would be allowed to remain, was estimated in 1900 at £327,000.

CONVERSION OF PRIVIES INTO WATER CLOSETS.

About 1,547 privies were converted into water closets during the year. About 25,000 remain to be converted, and at the present rate of progress this work will be completed in 16 or 17 years.

The amount expended up to March 25th, 1905, was £26,610, and the further expenditure required to complete the work will be about £95,000.

GENERAL SANITARY WORK.

TABLE LVIII.—*Summary of Work done by District Inspectors of Nuisances during the year 1904.*

	House Inspection.		No. 1 District.	No. 2 District.	No. 3 District.	No. 4 District.	No. 5 District.	Total.
1	Premises examined on account of	House to house work...	...	...	12	...	6	18
2		Dilapidated buildings...	5	91	49	34	29	208
3		Defective Drainage ...	295	542	419	211	538	2005
4		Other nuisances ...	384	351	502	1136	1624	3997
5	Total number of premises examined ...		1219	1873	1726	2077	3568	10463
6	Premises where sanitary defects were found		543	874	971	1349	2155	5892
	Details of Work Done.							
7	Inspections of drainage work		3796	2255	2283	1264	2833	12431
8	,, ,, repairs to dwellings ...		26	156	173	399	195	949
9	Inspections of other work not specified		739	952	704	703	1020	4118
10	Application of smoke test		388	127	109	151	143	918
11	,, ,, water test		683	423	763	342	837	3048
12	,, ,, other tests		232	73	113	58	128	604
13	Special examination and report ...		190	37	129	34	57	447
14	Privy-midden conversion report ...		43	68	307	211	272	901
15	Visits to premises in regard to which notice has been served		1010	907	1427	1126	3803	8273
16	Samples of water taken for analysis ...		3	3	...	1	28	35
17	Interviews with owners or agents respecting work		542	344	488	938	430	2742
18	Notices to abate nuisances served ...		343	523	694	550	858	2968
19	Cases reported for summoning ...		17	48	14	39	12	130
20	Cases of infectious disease reported on	Small Pox	...	...	...	42	2	44
21		Diphtheria	41	73	70	108	85	377
22		Scarlet Fever... ...	272	909	547	432	637	2797
23		Enteric Fever ...	21	83	54	125	52	335
24		Puerperal Fever ...	2	5	1	10	8	26
25		Erysipelas	22	92	72	63	93	342
26		Measles	24	214	320	193	92	843
27		Whooping Cough ...	43	66	47	82	78	316
28		Chicken Pox	33	100	83	143	141	500
29		Other diseases ...	18	164	83	192	128	585

TABLE LVIII.—GENERAL SANITARY WORK.—*Continued.*

Details of Work Done.	No. 1 District.	No. 2 District.	No. 3 District.	No. 4 District.	No. 5 District.	Total.
30 Other absentees—visits reported on ...	27	139	163	325	80	734
31 Total houses visited for infectious disease	444	1520	1120	1207	1362	5653
32 Additional visits to houses for Infectious disease.	273	990	696	3204	837	6000
33 Additional visits to houses for Disinfecting ...	309	928	606	635	683	3161
Nuisances.						
1 Dwelling-houses unfit for human habitation	1	...	...	...	3	4
2 Houses overcrowded	1	2	3	3	5	14
3 Premises damp...	4	31	18	92	56	201
4 ,, dilapidated	...	24	21	49	29	123
5 ,, with defective roof	6	49	72	83	118	328
6 ,, with defective eave-gutter and fall-pipe	9	30	24	41	68	172
7 ,, with choked eave-gutter and fall-pipe	12	10	13	49	21	105
8 ,, with insufficient drainage ...	34	44	10	2	13	103
9 ,, ,, defective drainage ...	262	236	281	200	509	1488
10 ,, ,, rubble drainage ...	15	22	10	6	21	74
11 ,, ,, closets or drains temporarily choked ...	155	227	273	343	424	1422
12 ,, without cesspool	...	...	...	...	...	...
13 ,, with choked cesspool ...	1	4	1	1	...	7
14 ,, with defective sinks... ...	...	11	17	33	38	99
15 ,, with defective sanitary appliances	79	39	60	66	109	353
16 ,, with dirty closets	1	6	14	5	16	42
17 ,, with ashpits requiring emptying	15	57	27	90	85	274
18 ,, with defective yard paving ...	28	10	32	37	215	322
19 ,, with yards unpaved... ...	12	9	16	59	48	144
20 ,, without sufficient water supply	2	2	1	1	2	8
21 ,, with water in cellars ...	4	27	40	73	111	255
22 Offensive accumulations	12	23	23	31	33	122
23 Animals kept as to be a nuisance ...	10	8	10	18	9	55
24 Street gullies choked	3	20	18	12	12	65
25 Sewers choked or defective	1	3	2	1	1	8
26 Dilapidated privy-midden	15	67	226	184	71	563

TABLE LVIII.—GENERAL SANITARY WORK.—*Continued.*

NUISANCES.	No. 1 District.	No. 2 District.	No. 3 District.	No. 4 District.	No. 5 District.	TOTAL.
27 Want of manure receptacle	4	1	5	10	22	42
28 Dangerous buildings	5	7	4	9	6	31
29 Offensive urinals	3	14	29	9	26	81
30 Other nuisances	9	42	36	51	119	257
31 Unfounded complaints	8	123	96	34	48	309
NUISANCES ABATED.						
1 (*a*) Dwelling houses rendered fit for human habitation	...	...	...	...	...	...
(*b*) Ditto closed	...	...	...	...	4	4
2 Overcrowded houses dealt with ...	1	2	4	2	7	16
3 Dampness removed or remedied ...	3	26	10	80	44	163
4 Dilapidations made good	...	47	26	44	28	145
5 Defective roof repaired	8	63	77	74	115	337
6 Defective eave-gutter and fall-pipe repaired	12	54	19	36	61	182
7 Choked eave-gutter and fall-pipe cleansed	8	13	12	42	19	94
Drains disconnected from sewer ...	23	22	16	52	56	169
,, ventilated	8	19	7	44	21	99
8 ,, repaired	135	101	100	93	106	535
9 ,, reconstructed	115	113	132	85	308	753
Surface channels repaired	...	...	2	...	2	4
Pipe drain substituted for surface channels	1	17	26	41	36	121
10 Rubble drains abolished	5	11	5	4	2	27
11 Closets or drains cleared	139	220	241	333	397	1330
12 Cesspool provided	3	1	...	...	...	4
13 (*a*) Cesspool cleansed	1	4	1	...	...	6
(*b*) ,, abolished...	3	...	...	...	...	3
14 (*a*) Sinks repaired	...	2	13	28	10	53
(*b*) ,, provided	...	9	2	18	20	49
(*c*) Sink-pipes disconnected from drain	...	16	16	13	2	47
15 Sanitary appliances repaired	40	39	45	54	105	283
16 Closets lime-washed or cleansed ...	1	2	5	9	16	33
17 Full ashpits reported to Cleansing Supt.	15	57	17	90	85	264
18 Yard paving repaired	7	3	4	34	56	104

TABLE LVIII.—GENERAL SANITARY WORK.—*Continued.*

Nuisances Abated.	No. 1 District.	No. 2 District.	No. 3 District.	No. 4 District.	No. 5 District.	Total.
19 Yards paved	25	21	37	46	193	322
20 Houses supplied with town's water ...	14	...	...	...	2	16
21 Water removed from cellars	5	27	40	70	111	253
22 Offensive accumulations removed ...	10	20	13	31	30	104
23 Removal of animals improperly kept...	8	3	11	13	10	45
24 Choked street gullies Reported to City Surveyor ...	1	2	7	...	5	15
Reported to Cleans. Supt.	3	4	10	12	7	36
25 Sewers reported to City Surveyor ...	1	2	...	...	1	4
26 Privy-middens (*a*) Repaired	9	7	...	...	20	36
(*b*) Reported for conversion ...	20	9	226	154	46	455
27 Manure receptacle provided	2	5	6	10	21	44
28 Dangerous buildings reported to City Surveyor	5	1	2	...	6	14
29 (*a*) Offensive urinals abolished ...	1	4	13	6	2	26
(*b*) Proper urinals provided	2	4	11	6	18	41
30 Other nuisances abated	5	40	17	51	106	219
31 New water-closets provided	20	2	5	...	5	32
32 Privies converted into water closets without Corporation contribution...	6	2	6	...	2	16
Proceedings taken	...	...	11	1	5	17

VISITING OF PERSONS SUFFERING FROM TUBERCULOSIS OF LUNGS.

During the greater part of the year two inspectors have been engaged in this work, which has proceeded in a satisfactory manner. 838 new cases were notified during the year, and 4,470 visits were paid in all. The advanced cases are, of course, visited more frequently than the others.

1,668 rooms were disinfected by spraying with formalin either at the time of the visit to the patient or after death. About 350 pocket spittoons were distributed to persons who could not reasonably have been expected to purchase them.

WOMEN INSPECTORS' WORK.

On the resignation of Mrs. Greenwood, in March, Mrs. Franks was appointed Head Woman Inspector, while still retaining her special duties of supervising the workshops where women are employed. The City is divided into five districts for the work of the women inspectors. Their principal duties are:—

(1) To visit houses where births occur for the purpose of advising the mothers as to the feeding and rearing of the infants.

(2) To visit the houses Let-in-Lodgings and the houses in the poorest districts for the purpose of promoting cleanliness, &c.

(3) To visit houses where whooping cough is reported by the School Authorities, in order to give advice and to guard against neglect of a disease which is peculiarly fatal to very young children.

(4) To visit neglected children reported by the School Authorities.

(5) To work hand in hand with the officers of the National Society for the Prevention of Cruelty to Children.

(6) To serve nuisance notices with regard to overcrowding, dirty houses, want of whitewashing, &c., and to report matters requiring structural alterations to the Male District Inspectors.

Mrs. Franks, who has the necessary qualification, has also been entrusted with the supervision of the midwives under the Midwives Act, 1902. It is very desirable, in order to avoid clashing, that the care of the infants and the supervision of the midwives should be in the same hands.

From the list of duties given it will be seen that the work of the Women Inspectors has considerably expanded since they were first appointed.

It is found that their visits are more effective if they have a definite reason for going to a house, such as a birth, a case of whooping cough, a neglected child, &c., than if they are simply doing house to house visiting. In my opinion their work is of the greatest possible value.

TABLE LIX.

Summary of Work Done by Women Sanitary Inspectors during 1904.

Total number of premises visited and revisited		26,505
Instructions given *re* cleansing, whitewashing, and ventilating of houses		8,220
,, *re* clothing, feeding, &c.		10,775
,, *re* other unhealthy conditions		6,048
Reports referred to District Inspectors and other departments		1,324
Cases referred to N.S.P.C.C.		88
Number of notices served		212
Visits and revisits *re* Births		6,704
,, ,, Whooping Cough	School complaints.	51
,, ,, Ophthalmia ...		37
,, ,, Sore heads, &c...		154

The following shows certain particulars with regard to visits paid with respect to Births during 1904:—

1.	Number of cases visited		5,330
2.	Number of cases where the children were healthy		4,389
3.	Number of children fed entirely on the breast		3,830
4.	Number of children fed entirely with the bottle		211
5.	Number of children fed on breast and with other food ...		784
6.	Type of feeding-bottle used ..	Tube	203
		Boat-shaped	259
7.	Children put out to nurse (usually day-time only)		42
8.	Cases in which mother was engaged in some occupation ...		223
9.	Cases where house was dirty		427

TABLE LX.—Houses Let in Lodgings.

Visits to houses let in lodgings	6,130
New houses registered	19
Notices served	55
Prosecutions	3
Convictions	3

FACTORY AND WORKSHOP ACT.

The duty of seeing that the requirements of this Act are carried out is entrusted to Inspector Howard and Mrs. Franks. Since hand filecutting has been scheduled by the Secretary of State as a dangerous trade, the workshops where this work is carried on have been handed over to the supervision of the Home Office Inspectors. About 120, however, have reverted to the supervision of the Health Department, owing to the disuse of lead beds and the substitution of tin beds for them.

The work under this Act has proceeded smoothly, and many of the improvements have been obtained without written notices. The table which follows gives details of the work done.

Although the condition of the factories and workshops is improving, there is no doubt that in many cases the standard of ventilation and cleanliness is low.

This is the more important because, as has been pointed out earlier in this report, industrial conditions in Sheffield undoubtedly give rise to a large number of cases of tuberculosis of the lungs every year.

TABLE LXI.

Factories, Workshops, Laundries, Workplaces, and Homework.

1.—Inspection.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (including Factory Laundries)	723	18	...
Workshops (including Workshop Laundries) ...	3,549	54	...
Workplaces	...	...	...
Homeworkers' Premises	430	...	...
Total	4,702	72	...

2.—Defects Found.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
Nuisances under the Public Health Acts :—				
Want of cleanliness	334	334	...	...
Want of ventilation	34	34	...	...
Overcrowding	9	9	...	...
Want of drainage of floors	...	...	...	...
Other nuisances	58	58	...	...
Sanitary accommodations — Insufficient	3	3	...	...
Sanitary accommodations — Unsuitable or defective	58	58	...	...
Sanitary accommodations — Not separate for sexes..	3	3	...	...
Offenses under the Factory and Workshop Act ...	...	...	...	...
Total	499	499	...	...

TABLE LXI.—*Continued.*

3.—OTHER MATTERS.

CLASS.		NUMBER.	
Matters notified to H.M. Inspectors of Factories :—			
Failure to affix Abstract of the Factory and Workshop Act (S. 133)		5	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5).	Notified by H.M. Inspector	31	
	Reports (of action taken) sent to H.M. Inspectors..	31	
Other		...	
Underground Bakehouses (S. 101) :—			
In use during 1903		7	
Certificates granted	In 1903	...	
	In 1904	7	
In use at the end of 1904		7	
Homework :—		Number of	
Lists of Outworkers (S. 107) :—		Lists.	Outworkers.
Lists received		245	...
Addresses of outworkers...	Forwarded to other Authorities	133	...
	Received from other Authorities	2	...
Workshops on the Register (Sec. 131) at the end of 1904 :—			
No. of Bakehouses, Confectioners...		228	
,, Tailors, Dressmakers		867	
,, Metal Workers		823	
,, Cabinet Case, Joiners, etc....		335	
,, Hand Laundries		9	
,, Kitchen Restaurants		51	
,, Miscellaneous Trades		321	
TOTAL NUMBER OF WORKSHOPS ON REGISTER		2,634	

THE BLACK SMOKE NUISANCE.

During the year 7,730 observations of one hour each have been made. The average number of minutes of black smoke per hour was 3·1, as compared with 3·1, 3·2, and 2·7 during 1903, 1902, and 1901 respectively.

In 168 cases the amount of smoke emitted was excessive, and notices were served under Section 91 of the Public Health Act, 1875.

In six cases notices were served in respect of chimneys attached to metallurgical furnaces only, and in each case subsequent observations showed a great improvement, proving that by means of care in stoking the amount of smoke from such chimneys can be greatly reduced.

In 38 cases prosecutions have been undertaken, and the average fine inflicted was £2 1s. 6d., as compared with £1 15s. 4d. for 1903.

In February, at the request of the Sheffield Manufacturers' Association, the system of sending an informal intimation to the user of the chimney immediately after each excessive emission was adopted, with the object of assisting the manufacturers to deal more promptly with the cause of the excessive emissions.

The following tables show the work done in this sub-department :—

TABLE LXII.—*Black Smoke Nuisance. Proceedings 1904.*

Date.	Nature of Works.	Result.
1904.		
Jan. 7	Rolling Mills	£5 and costs.
,, 28	Corn Millers	Order and costs.
Feb. 18	Laundry	£3 and costs and order.
March 1	Tool Makers	£4 10s. and costs.
,, 3	Steel Manufacturers	Order and costs.
,, 30	Do. do.	Do. do.
,, 30	Do. do.	Do. do.
May 4	Colliery	£1 and costs and order.
,, 5	Tanners	£6 15s. and costs.
,, 5	Steel Manufacturers	Order and costs.
,, 26	Do. do.	£5 and costs and order.
June 15	Grinding Wheel	Order and costs.
,, 23	Steel Manufacturers	Do. do.
July 14	Corn Millers	Do do.
,, 14	Steel Manufacturers	£2 and costs and order.
Aug. 11	Building Contractors	Order and costs.
Sept. 15	Brick Manufacturers	£7 10s. and costs.
,, 15	Colliery	Order and costs.
,, 22	Steel Manufacturers	Do. do.
,, 29	Do. do.	£5 and costs.
Oct. 6	File Manufacturers	£2 and costs and order.
,, 6	Stay Busk Manufacturer	£2 do. do.
,, 6	Steel Manufacturers	£5 and costs.
,, 6	Do. do.	10/- and costs and order.
,, 6	Do. do.	10/- do. do.
,, 6	Do. do.	10/- do. do.
,, 26	Brick Manufacturers	Dismissed.
,, 26	Steel Manufacturers	Do.
Nov. 16	Silver Rollers	Order and costs.
,, 16	Shovel Manufacturers	Do.
,, 17	Steel Manufacturers	Do.
,, 17	Do. do.	Dismissed.
,, 17	Wire Manufacturers	£1 and costs and order.
,, 24	Timber Merchants	Order and costs.
,, 24	Snuff Mills	10/- and costs and order.
Dec. 1	Corn Millers	£8 and costs.
,, 15	Brewers	£3 and costs and order.
,, 15	Do.	£2 do. do.

TABLE LXIII.—*Summary of Smoke Nuisance Proceedings, 1890-1904.*

Year.	Cases in which Proceedings taken.	Total Penalties and Costs.			Average Penalties and Costs.		
		£	s.	d.	£	s.	d.
1890	...		...			...	
1891	...		...			...	
1892	7	10	0	0	1	8	6
1893	1	0	8	0	0	8	0
1894	5	4	12	0	0	18	4
1895	9	5	6	0	0	11	9
1896	21	57	0	0	2	14	3
1897	3	8	14	0	2	18	0
1898	6	10	12	0	1	15	4
1899	18	28	0	0	1	11	1
1900	14	15	0	0	1	2	5
1901	30	74	18	11	2	9	11
1902	32	84	5	0	2	12	7
1903	24	42	9	6	1	15	4
1904	38	78	19	0	2	1	6

TABLE LXIV.—*Details of Work done by Smoke Inspectors during 1904, and during the previous ten years*:—

	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
Number of observations upon Chimneys of each one hour ...	6686	4935	5201	5038	4778	5667	7399	7198	7466	7663	7730
Average Number of Minutes of Black Smoke per hour	2·8	2·1	2·2	2·2	2·1	2·1	2·3	2·7	3·2	3·1	3·1
Number of Notices served	125	72	100	89	101	145	104	105	132	114	168
Number of Complaints received...	23	22	22	27	25	33	16	28	41	40	48
Number of New Boilers put down	19	9	30	32	7	16	28	30	27	26	20
Number of Chimneys erected ...	17	5	18	16	4	17	23	9	12	7	7
Number of Chimneys raised ...	5	6	9	15	6	7	5	7	5	7	11
Appliances or Improvements introduced	38	52	81	49	46	36	14	12	17	22	27

OFFENSIVE TRADES.

The premises where these trades are carried on have been regularly visited during the year. The following list gives the number of premises, and visits paid to each :—

	Premises.	Visits.
Blood Driers	1	8
Bone Crushers	2	24
Fellmongers	1	18
Grease Manufacturers	1	10
Gut Cleaners	4	120
Hide and Skin Markets	2	81
Horn Cutters	3	22
Tallow Melters	1	6
Tanners	1	10
Tripe Dressers	22	356

TABLE LXV.—*Inspection of Slaughter-houses, Shops, Stores, &c.*

No. of Slaughter-houses in use previous to 1865.	No. of Slaughter-houses on the Register of 1865.	No. of Slaughter-houses on the Register of 1875.	No. of Licenses under the Sheffield Corporation Act.	No. of Horse Slaughter-houses on the Register.	Total No. of Slaughter-houses on the Register.	No. of Visits to Slaughter-houses.	No. of Visits to Shops and Stores.
47	43	71	27	2	184	4337	3854

During the year 14 changes of occupations of slaughter-houses have taken place, and three have been closed. One in respect of which there was no record of registration was acquired by the Corporation for sanitary improvements, and pulled down ; and the two others were held under yearly licenses which the occupiers have not renewed. One person has been granted a yearly license to slaughter on approved premises.

TABLE LXVI.—*Meat, &c., condemned and destroyed as unfit for human food during the year 1904.*

Meat, &c.		Fish.		Fruit and Vegetables.	
49¾	Carcases of Beef				
17	Pieces of Beef				
3	Beasts' Heads				
2	Do. Hearts				
14	Do. Livers	3	Boxes, Barrels, &c., of Cary Fish		
2	Boxes of Beasts' Livers (foreign)				
25	Beasts' Lungs	5	,, ,, Cod		
4	Do. Udders	1	,, ,, Dab		
1	Do. Viscera	6	,, ,, Hake		
1	Do. Heel	15	,, ,, Haddock		
1	Do. Spleen	4	,, ,, Halibut		
57½	Carcases of Mutton	32	,, ,, Herrings		
39	Pieces of Mutton	125	,, ,, Kippers		
1	Head and Pluck	8½	,, ,, Ling		
1	Sheep's Liver	24	,, ,, Mackerel		
20	Dozen Sheep's Kidneys (foreign)	19¾	,, ,, Mixed		
6	Carcases of Pork	12	,, ,, Plaice	7	Casks of Blackberries
19	Boxes of Hog Kidneys (foreign)	1	,, ,, Skate	1	Do. Pickled Cabbages
2	Cases of Pork (foreign)	8	,, ,, Smelt		
48	Pigs' Plucks (foreign)	2	,, ,, Soles		
21	Carcases of Veal	16	,, ,, Sprag		
8	Do. Lamb	1	,, ,, Crab		
1½	Cases of Eggs	38	,, ,, Cockles		
2½	Couples of Ducks	89½	,, ,, Mussels		
30½	Do. Fowls	6	,, ,, Oysters		
25	Do. Water Fowls	1	,, ,, Offals		
14½	Do. Guinea Fowls	46	,, ,, Prawns		
125	Geese	67	,, ,, Shrimps		
43	Dozen of Pigeons	5½	,, ,, Whelks		
334½	Couples of Rabbits				
31	Dozen of Rooks				
10	Turkeys				
	Weight.		Weight.		Weight.
	T. C. Q. LBS.		T. C. Q. LBS.		T. C. Q. LBS.
	17 2 2 14		17 9 0 21		1 8 0 0.

TABLE LXVII.—*Carcases of Meat condemned and destroyed as being affected with Tuberculosis, and with various other diseases and from other causes, during the year 1892-1904.*

YEAR.	Number of Carcases of Meat condemned and destroyed affected with Tuberculosis.						Number of Carcases of Meat condemned and destroyed affected with various diseases and from other causes.					
	Beef.	Mutton.	Pork.	Veal.	Lamb.	Goat.	Beef.	Mutton.	Pork.	Veal.	Lamb.	Goat.
1892	44	...	...	1	...	...	38¾	85½	17	41	4	...
1893	70	...	...	...	...	...	41½	69	9	38½	1	3
1894	43	1	2	3	...	...	44¼	54	48	40	13	2
1895	40	...	...	1	...	...	38¾	54	45	29	5	...
1896	34	...	...	1	...	...	39¼	86	60½	34	6	2
1897	30	1	2	...	...	...	29½	154½	11	68	46	...
1898	21	...	1	1	...	...	33	830	19½	28	7	1
1899	36	1	2	...	...	...	32	60	2	27	8	...
1900	16	...	...	...	...	...	38½	55	5	26	9	...
1901	16	...	...	...	...	...	27½	38	6	43	2	...
1902	18	...	1	1	...	...	27¾	36½	12	76	64	...
1903	23	1	...	2	...	...	18½	31¾	7	64½	6	...
1904	25	...	1	1	...	...	24¾	57½	5	20	8	...
Totals..	416	4	9	11	...	...	434	1611¾	247	535	179	8

Of the 27 carcases condemned on account of Tuberculosis 25 were cows—8 in fair condition, and 17 old and worn-out; one that of a small pig; and one that of a calf about one month old.

During the year one Magistrates' order has been required, and one person has been summoned, the case being dismissed.

TABLE LXVIII.—DAIRIES MILKSHOPS, AND COWSHEDS.

	1900	1901	1902	1903	1904
NUMBER OF INSPECTIONS—Cowsheds	2,294	1,663	1,133	1,112	1,219
Milkshops	593	412	812	1,079	1,335
Milk vessels	3,385	2,764	5,468	5,820	4,765
Total of the above	6,272	4,839	7,413	8,011	7,319
NUMBER OF WRITTEN NOTICES SERVED	20	4	26	12	2
ALTERATIONS AND IMPROVEMENTS EFFECTED—					
(*a*) By written notices	20	4	13	10	2
(*b*) ,, verbal ,, ...	17	21	16	18	4
(*a*) IN COWSHEDS—New Cowsheds built	3	5	3	2	2
New drainage provided	4	2	1	3	—
Air-space increased	7	7	12	8	1
Grain receptacles removed	2	—	—	—	—
Manure pits repaired	12	9	2	3	1
New Manure pits	3	1	4	6	1
Yards paved and repaired	6	6	6	4	1
Sanitary troughs provided	20	17	2	2	6
Number of Cowsheds closed	6	8	1	2	1
(*b*) IN DAIRIES AND MILKSHOPS—New cupboards provided ...	5	3	4	10	4
Improvements in lighting ...	4	2	—	2	—
Milk vessels dirty	7	—	—	9	—
Milkshops closed	3	—	1	7	12
INFECTIOUS DISEASES (*a*) On Cowkeepers' premises	7	6	6	2	4
(*b*) ,, Milksellers' ,, ...	7	5	7	4	5
CHANGES OF OCCUPATION—(*a*) Cowsheds	9	18	10	13	2
(*b*) Milkshops	12	30	22	14	8
REGISTERED DURING YEAR—(*a*) Cowkeepers	11	21	25	16	18
(*b*) Milksellers	40	39	40	37	60
PRESENT NUMBER ON INSPECTOR'S BOOKS—(*a*) Cowkeepers ...	218	208	231	234	236
(*b*) Milksellers ...	295	304	326	362	340

TUBERCULOSIS AND MILK.—VETERINARY INSPECTOR'S REPORT, 1904.

To the Medical Officer of Health.

DEAR SIR,

I have pleasure in submitting a short report of the work done in Sheffield during the year 1904 in connection with the tuberculous milk clauses, Sheffield Corporation Act, 1900.

During the year I examined the udders of 1,774 cows in the City cowsheds. Of these 87 had some abnormal condition of the udder, but only 17 of them were suspicious of tuberculosis. Samples of milk from the latter were examined bacteriologically, with the result that eight were found to contain tubercular infection.

Six of these eight cows thus proved to have tuberculous udders were killed at slaughterhouses within the City. In each case, as the diseased conditions were confined to the udders and some of the internal organs, the carcases being free and well nourished, the latter were passed as fit for human food, the diseased parts being destroyed. Of the other two one was killed at the Knackers' Yard, the carcase being destroyed, whilst the other was sold at Rotherham Market.

Eighty-nine samples of mixed milk coming into the City by road or rail from outside were taken for bacteriological examination, and six of these were found to contain tubercular infection.

The farms from which these six tuberculous samples were known to have come were visited by myself and your representative, and the udders of 170 cows were examined. Ten were found to have abnormal udders, and samples of the milk from these were taken for bacteriological examination, whilst at three of the farms, as no cow having an abnormal udder could be found, a control sample of the mixed milk was again taken. All the latter and nine of the former were found to be free from tubercular infection.

One special sample from a cow with a diseased udder was found to be infected, thus definitely proving that the diseased condition of the udder was tuberculosis.

It will thus be seen that by following up the infected country milk only one cow was found with an undoubtedly tuberculous udder, and this cow was sold away by the owner, who refused to give any other information as to the name of purchaser, etc. In consequence of this the Health Committee, on January 3rd, 1905, made an order under Section 135 of the Sheffield Corporation Act, 1900, prohibiting the owner from supplying milk to Sheffield for human consumption.

Further control samples of the milk supplied to Sheffield from the remaining two suspected farms were taken for bacteriological examination with a negative result in each case.

Yours faithfully,

J. S. LLOYD, F.R.C.V.S.,

Veterinary Inspector.

QUALITY OF THE MILK SUPPLIED TO SHEFFIELD.

In addition to the formal Annual Report the City Analyst has kindly supplied me with the following information with regard to the milk samples purchased under the Sale of Food and Drugs Acts during the year, 1904.

TABLE LXIX.—*Summary of results yielded by Milk samples taken under the Sale of Food and Drugs Acts during the year ending December, 1904.*

Amount of Milk Fat. Per Cent.	Proportion of the total number of Samples received. Per Cent.	Amount of Non-Fatty Solids. Per cent.	Proportion of the total number of Samples received. Per Cent.
Under 2 %	1·0		
From 2 to 2½ %	4·1	Under 8·5 ...	5·6
Above 2½ and under 3 % ...	5·6		
From 3 to 3¼ %	41·2	8·5 and under 9%	43·2
Above 3¼ and under 3½ % ...	30·2		
Above 3½ and under 4 % ...	14·1	9% and above ...	51·2
4 % and above	3·8		

TABLE LXX.—*Food and Drugs Samples purchased in pursuance of the Sale of Food and Drugs Acts during 1904, and the preceding nine years, also the number found to be adulterated.*

ARTICLES PURCHASED FOR ANALYSIS.	1895		1896		1897		1898		1899		1900		1901		1902		1903		1904	
	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.	TOTAL SAMPLES.	NO. ADULTERATED.
Milk...	200	4	154	15	167	19	143	17	143	17	228	38	242	32	421	31	437	41	444	42
Butter	44	4	23	...	26	1	15	1	15	8	64	8	65	8	141	8	62	6	74	17
Margarine	...	...	...	...	...	...	...	...	...	...	...	...	3	...	4	...	7	...	11	...
Cream	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...
Cheese	...	...	...	...	5	...	...	...	...	...	9	...	1	...	24	5	6	...	18	5
Margarine Cheese	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Lard	10	...	...	...	...	...	24	...	2	1	...	...	2	...	7	...	8	...	2	...
Bread and Butter	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
Teacake and Butter	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1
Whisky	6	3	10	3	12	...	...	...	...	...	...	...	26	3	44	8	32	7	50	12
Gin ...	4	1	10	2	...	...	...	...	...	...	..	...	...	...	. .	...	3	...	...	...
Brandy	6	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Beer...	...	...	...	...	...	...	...	...	...	...	9	1	24	1	...	...	...	...	...	...
Honey	...	...	...	...	...	...	...	...	...	...	...	...	2	...	4	...	1	...	...	...
Custard Powder	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Tea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Coffee	10	1	...	...	...	...	19	13	...	...	...	...	...	...	12	...	3	2	2	1
Chocolate	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...
Jam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...
Vinegar	10	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...
Pepper	...	...	10	...	...	...	1	...	...	...	...	...	4	...	24	...	3	...	10	...
Mustard	6	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ground Ginger	...	...	...	...	...	...	6	1	...	...	...	...	7	...	7	...	12	...	8	...
Medicines ...	...	...	...	...	...	...	...	...	5	...	15	3	11	3	2	...	...	...	...	...
Sal Volatile...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Cream of Tartar	...	...	...	...	...	...	6	...	3	...	...	...	...	...	...	...	...	...	...	...
Paregoric	6	...	...	...	...	...	...	...	...	...	...	...	5	...	2	...	...	...	...	...
Laudanum ...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...
Glycerine	...	...	...	...	6	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Lint. of Camphor	...	...	...	...	6	1	...	...	3	...	5	3	8	1	16	1	19	1	...	...
Com. Liq. Powder	...	...	...	...	...	...	...	...	6	...	10	1	2	...	11	1	7	1	10	1
Carbonate of Bismuth	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...
Sweet Spirit of Nitre	...	...	...	...	...	...	...	...	...	...	...	...	2	...	4	...	20	9	39	10
Friars Balsam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	3	...
Camphorated Oil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22	2
Arrowroot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Olive Oil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
TOTALS ...	308	13	217	20	223	21	231	32	177	26	340	54	413	48	738	54	626	67	699	91
Percentage of Adulterated Samples ...	4·2		9·2		9·4		13·9		14·7		15·9		11·6		7·3		10·7		13·0	
Percentage of do. for all England ...	9·3		9·2		9·4		8·7		9·4		8·8		8·8		8·7		...		...	

TABLE LXXI.—*Sale of Food and Drugs Acts. Proceedings in 1904.*

MILK	Number of Samples purchased during 1904	444
	,, ,, found to be genuine	389
	,, ,, found to be inferior	13
	,, ,, deficient in fat	23
	,, ,, adulterated with water	19
	Fines imposed:—Three at £6 and 13s. costs, four at £5, two at 50s., nine at £2, eight at £1, one at 30s., three at £3, one at £2 and 4s. 6d. costs, one at 10s. and 7s. costs, one at £2 and 11s. 6d. costs, one at 10s. and 9s. costs, one at 10s. and 5s. 6d. costs, one at 5s., two cautioned by letter, one dismissed, three withdrawn. Three vendors fined for vessels not labelled, viz., 10s., 10s., and 5s. respectively.	
BUTTER	Number of Samples purchased	74
	,, ,, found to be genuine	56
	,, ,, found to be adulterated...	17
	,, ,, found to be inferior	1
	Fines imposed:—Two at £7 and £1 5s. costs, two at £3, one at £3 and 7s. costs, one at £1 and 7s. costs, one at £2, two at £1. Eight vendors absconded before summons issued.	
MARGARINE	Number of Samples purchased and genuine	11
	Nine vendors fined for exposing margarine not labelled, viz.:—Three at at £1, one at £1 and 7s. costs, two at 10s., one withdrawn, one at 5s, one cautioned by letter. Four vendors fined for selling margarine improperly wrapped, viz.:—One at 5s., one at £1, one at 10s., one at £1 and 7s. costs.	
WHISKY	Number of Samples purchased during 1904	50
	,, ,, found to be genuine	38
	,, ,, found to be adulterated	12
	Fines imposed:—Four at £2, one at £4, one at 10s. and 7s. costs, one at 10s., five cautioned by letter.	
CHEESE	Number of Samples purchased	18
	,, ,, found to be genuine	13
	,, ,, found to be adulterated	5
	Fines imposed:—One at £3 and 7s. costs, one at 10s., two at £2, one at 3s. 6d. One vendor fined for obstruction, viz., £1 and 11s. costs; one vendor fined selling improperly wrapped, £1 and 7s. costs.	
MARGARINE CHEESE ...	Number of Samples purchased and genuine	1
	Vendor cautioned by letter selling improperly wrapped.	
LARD	Number of Samples purchased and genuine	2
CAMPH. OIL	Number of Samples purchased	22
	,, ,, found to be genuine	20
	,, ,, found to be adulterated	2
	Fines imposed:—One at 10s and 7s. costs; one cautioned by letter.	
COMPOUND LIQUORICE POWDER.	Number of Samples purchased	10
	,, ,, found to be genuine	9
	,, ,, found to be adulterated...	1
	Fines imposed:—One at 10s.	
SWEET SPIRIT OF NITRE	Number of Samples purchased	39
	,, ,, found to be genuine	26
	,, ,, found to be adulterated	10
	,, ,, found to be inferior	3
	Fines imposed:—Three at 10s., two at 10s. and 7s. costs, one at £1, one at 5s. and 7s. costs, two at 3s. 6d., one at 5s.	
GROUND GINGER ...	Number of Samples purchased	8
	,, ,, found to be genuine	7
	,, ,, found to be inferior	1
COFFEE	Number of Samples purchased during 1904	2
	,, ,, found to be genuine	1
	,, ,, found to be adulterated	1
	Case dismissed.	
WHITE PEPPER ...	Number of Samples purchased and genuine	10
FRIARS' BALSAM ...	Number of Samples purchased and genuine	3
TEACAKE AND BUTTER...	Number of Samples purchased	2
	,, ,, found to be genuine	1
	,, ,, found to be adulterated	1
	Case dismissed.	
ARROWROOT	Number of Samples purchased and genuine	1
TEA	,, ,, purchased and genuine	1
OLIVE OIL	,, ,, purchased and genuine	1

CANAL BOATS ACTS.

The following is a copy of the Annual Report, as required by the Local Government Board, on the work carried out during the year 1904, in pursuance of the Canal Boats Acts:—

Department of the Medical Officer of Health,
Town Hall, Sheffield,
January 12th, 1905.

To the Chairman and Members of the Health Committee.

Canal Boats Acts.

Gentlemen,

In compliance with Section 3 of the Canal Boats Act of 1884, I have to present to you the Annual Report of the work done under the Canal Boats Acts of 1877 and 1884, and the Local Government Board Regulations made thereunder for the year ended December 31st, 1904.

(1) Inspector William C. Long has acted as Inspector under the above Acts.

The duties of the office are performed in conjunction with certain duties connected with the attendance at school of Canal Boat children and general district work.

The salary for the joint offices is at the rate of £83 14s. 8d. per annum, with uniform.

(2) The number of Boats inspected during the year was 877. The number of boats coming into Sheffield has been very much less than usual owing to the depression in trade. The condition of the boats and their occupants as regards the matters dealt with in the Acts and Regulations has been satisfactory. Out of the total 877, 776 were found to be in compliance with the Acts and Regulations. It was found necessary to serve notices on the owners of 15 boats.

(3) The total number of infringements complained of was 101, their nature and extent being as follows:—

(*a*)	Registration	0
(*b*)	Change of Master	0
(*c*)	Absence of Certificate	9
(*d*)	Certificate not identifying owner	6
(*e*)	Marking, Lettering, and Numbering	22
(*f*)	Overcrowding	2
(*g*)	Partition separating sexes	0
(*h*)	Cabins improperly occupied	2
(*i*)	Cleanliness	40
(j)	Painting	9
(*k*)	Ventilation	3
(*l*)	Dilapidation	5
(*m*)	Removal of Bilge Water	0
(*n*)	Admission refused	0
(*o*)	No proper water vessel	3
(*p*)	Without double bulk-head	0

(4) It was found necessary to take legal proceedings against the owner of one boat to enforce compliance with a notice requiring the painting and cleansing of the Cabins. A fine of 10/- and costs was imposed.

(5) It was also found necessary to send letters to certain owners drawing attention to the unfulfilled requirements of notices. In all the cases compliance was speedily made.

(6) There were no cases of infectious disease met with on any of the boats.

(7) It was not found necessary to detain any boat for cleansing and disinfection.

(8) The number of boats on the register on December 31st, 1904, was 96.

(9) There have been no boats registered during the year.

(10)	The total number of infringements was	101
	Notices not abated December 31st, 1903	11
	Notices served in year 1904	15
	Verbal cautions ,,	86
	Notices complied with in year 1904	23
	Verbal cautions complied with in year 1904	86
	Notices not abated December 31st, 1904	3
	Visits to Canal during 1904	193
	Number of Adult Males on Boats examined	1,291
	,, Females ,,	631
	,, Children between 5 and 12 years	117
	,, ,, 5 years and under	472

I am Gentlemen,

Your obedient Servant,

HAROLD SCURFIELD,

Medical Officer of Health.

TABLE LXXII.—*Disinfecting Station.*

Summary of Work for the year ending 31st December, 1904.

Number of Articles.	DESCRIPTION.	Number of Articles.	DESCRIPTION.	REMARKS.
3659	Beds	4805	Pillows	These articles were brought in from 3401 private houses, and from 64 public institution cases.
136	Bed Hangings	2378	Pillow Cases	
1383	Bed Slips	1634	Sheets	
2465	Blankets	678	Carpets	
2744	Bolsters	1560	Articles of Men's Clothing	
1789	Bolster Cases	2411	,, Women's ,,	
2506	Counterpanes	1903	,, Children's ,,	
679	Mattresses	1698	Various Articles	

TABLE LXXIII.—*Conversion of Privies into Water-Closets.*

Year Ending Dec. 31st.	No. of Notices Served to Convert.	No. of Notices to provide Additional Accommodation.	No. of Premises where Work has been Completed.	No. of Houses Involved.	No. of Workshops Involved.	Total Cost of Converting.			Total Cost of Additional.			Amount paid by Corporation either as ⅓ cost or in lieu of ⅓.		
						£	s.	d.	£	s.	d.	£	s.	d.
1890 and 1891	18	8	14	26	...	...			...			37	11	6
1892	40	35	28	264	4	570	8	0	...			313	1	4
1893	49	40	36	264	12	810	15	11	...			397	5	3
1894	74	21	56	365	7	1,363	2	11	...			601	11	8
1895	38	38	29	220	4	581	3	5	...			273	14	5
1896	93	47	28	200	2	629	15	6	...			272	1	6
1897	123	100	80	769	...	2,778	19	2	1,228	11	8	1,161	16	6
1898	151	93	114	1,027	41	3,427	8	0	1,486	14	0	1,365	11	0
1899	286	167	146	1,298	75	4,293	6	0	1,918	5	0	1,736	12	0
1900	270	141	211	1,750	70	6,005	13	11	2,569	8	10	2,544	9	11
1901	284	167	207	1,672	163	6,940	11	2	2,143	16	5	2,748	7	10
1902	565	167	279	2,181	97	7,846	0	0	2,128	12	6	3,474	8	7
1903	452	154	451	2,994	104	11,001	19	6	2,811	8	10	5,063	9	11
1904	676	182	496	3,282	89	9,832	9	4	2,018	10	10	5,510	3	8